Salaries

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ENGINEERS' SALARIES: SPECIAL INDUSTRY REPORT 1989

A Report of an Annual Survey
Conducted by the

ENGINEERING MANPOWER COMMISSION

of the

American Association of Engineering Societies, Inc.
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EMC conducts annual surveys of industry and schools of engineering, monitors trends in the supply of and demand for engineers, and produces annual reports on engineering enrollments, degrees, and salaries. In addition to its statistical studies, EMC also produces the *Engineering Manpower Bulletin*, which assesses trends in the engineering workforce including participation in the profession by women and ethnic minorities.

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ENGINEERS' SALARIES:
SPECIAL INDUSTRY REPORT, 1989

INTRODUCTION

This is the 23rd in a series of Engineering Manpower Commission studies of the salaries of engineers in the United States. As in our previous salary surveys, the data were gathered from employers, who submitted summaries of the base compensation of their engineers, classified by levels of experience, supervisory responsibility, and academic preparation. By classifying the participating organizations, the survey also provides comparisons of salaries among differing industrial sectors, geographic regions, and sizes of employers.

EMC salary surveys do *not* provide data on salary variations among the various engineering disciplines, such as differences in median pay among civil, electrical, and mechanical engineers. Obtaining these details would raise the burden that the survey places on its participants to unacceptable levels. It would also raise complex problems of classification, because the labels that are applied to engineering education programs do not always accurately describe the graduates' subsequent work. Where a degree of correspondence exists between particular engineering disciplines and employment sectors, EMC's data can provide some clues about the salaries that may be associated with different kinds of engineering training. For example, although this report does not report salaries for chemical engineers *per se*, it does report salaries paid to engineers of all kinds by the chemicals industry. But for disciplines like mechanical engineering (whose graduates may be found in virtually every sort of technical workplace), or for a sector like the federal government (which hires all types of engineers), these linkages between training and subsequent employment do not apply.

The data reflect base salaries as of February 1, 1989. Responding organizations were instructed to exclude all irregular forms of compensation, such as one-time bonuses, overtime payments, stock options, etc. (however, beginning with this survey, EMC is obtaining information on the proportion of engineers who receive special incentive compensation; see below). Data were requested for all full-time engineering graduates, including those in nontechnical or managerial positions (some employers advised EMC, as they have in the past, that top management personnel with engineering backgrounds were not included in their responses). Occasionally, data were also provided for non-graduates classed by their employers as fully qualified engineers; such cases, which are infrequent, were treated as equivalent to engineers with B.S. degrees.

Salaries are presented in the form of statistical tabulations, with details for upper and lower deciles, upper and lower quartiles, medians, and means (all of these terms are explicitly defined below). These data are spread across 18 levels of experience, based on the number of years since attainment of the bachelor's degree (age is used to estimate experience in cases where data on the year of graduation is not available). In addition, summaries of these statistics across all levels of experience are included. Both raw salary statistics and smoothed-curve estimates across the experience levels are reported. Graphed maturity curves based on the smoothed results are provided for all tabulations except those dealing only with details for engineers with particular kinds of degrees (bachelor's, master's or doctorate).

The major technical change in this year's salary survey was to significantly reduce the period of time allowed for completion of responses by participants, in order to support earlier publication of the results. This change was accomplished with only minor losses in the number of engineers in industry represented by the data (from 111,907 in 1988 to 111,150 in 1989). The number of participating companies increased (from 267 in 1988 to 279 in 1989).

Other changes adopted in recent years are continued in the 1989 survey. Tabulations include raw salary statistics as well as EMC's usual smoothed-curve results, and technical refinements have been incorporated in our curve-smoothing methods. Details about these and other modifications of the methods used by EMC for these studies are provided below.

The Engineering Manpower Commission has been engaged in studies of engineering compensation for over 35 years. EMC's salary reports began in 1953 with *Professional Income of Engineers,* which continues today as an abridged version of this report (it does not show details for those with B.S., M.S., or Ph.D degrees). The

Special Industry Report began to appear in 1966. Originally, EMC's salary surveys were done every three years, then every two years; beginning in 1980, they began to be issued annually. EMC also conducts biennial surveys of the compensation of engineering educators; such a study was done in 1988 *(Salaries of Engineers in Education)*. In addition to these detailed statistical volumes, a summary of the results of this survey, with special data on trends over time, is available in "Engineering Salaries, 1989," issue number 96 (July, 1989) of the *Engineering Manpower Bulletin*. EMC also provides custom tabulations of its salary data base, such as frequency distributions of the data across salary brackets or reports on other groupings of the participating organizations, by special request. For prices and information on orders, see the inside back cover of this report.

The goal of EMC's salary studies is to determine current levels of compensation for engineers and to report on trends over time. EMC does not evaluate individual salary situations, nor does it advise employers on rates that should be paid for specific positions. Indeed, our own data demonstrate that for any specific combination of employment sector, supervisory responsibilities, education, and experience, variations between the top and bottom salaries reported for the position (as measured by high and low deciles) are likely to be as great as the distinctions introduced by differences in any of the other factors. In short, variations in engineering pay *within* specific matched positions can be as large as variations *between* positions, even when the latter distinctions entail substantial differences in employment sectors, education, responsibility, or experience. On the whole, individual salaries are influenced by many considerations, including the economic conditions of particular industries and firms, and the skill, performance, and negotiating ability of particular people.

SURVEY METHODOLOGY

Questionnaires were mailed in February, 1989 to EMC's national list of engineering employers. This listing is updated every year, using *Peterson's Guide to Engineering, Science, and Computer Jobs* (Princeton: Peterson's Guides, published annually), industry and trade directories, employment notices, and the Engineering Manpower Commission's internal records of participants in past surveys.

Copies of the survey instruments are provided in the appendices to this report. Usage of EMC's traditional matrix-style survey forms has declined greatly. Most smaller organizations--those with 50 or fewer engineers--now use our alternative "short form" questionnaires, first introduced in 1987, which provide a more convenient way to report their data. Most larger organizations are now providing their information in the form of simple ASCII text files on floppy disks. Since 1987 when EMC first experimented with this form of response, its use has steadily increased; in 1989, information on 40,965 engineers was provided in machine-readable form. We will continue to urge participants, especially the largest ones, to submit their responses this way, as it substantially reduces labor burdens for both the respondents and ourselves, and it helps to guard against errors from EMC's data entry. We will continue to provide the older matrix-style forms as an alternative for our respondents, however, as long as significant numbers of participants make use of them.

As noted earlier, responses to the survey representing 111,150 engineers were obtained from 279 private sector organizations. In addition, EMC also obtained data on the salaries of 10,112 engineers employed by 30 agencies of federal, state or local governments (salaries for the government engineers are reported separately in *Professional Income of Engineers*). Further processing of the data included these steps:

1. Preliminary tabulations were run to confirm manual counts of the number of responding organizations and the number of engineers represented by the data for each company and industrial sector. Data provided by participants are reviewed to see if implausibly large numbers of engineers have been reported as inexperienced and highly paid, or very experienced and poorly paid, which could be a sign of errors on the respondent's part in compiling the information. Such problems are rare, but in 1989 one such case was discovered, confirmed with the participating organization, and corrected.

2. Participants were assigned to sectors on the basis of their responses to an item on the survey forms that asked each organization to indicate how it should be classified. Many participants were classed in two or more sectors (see the appended list of responding organizations for details). Final sectoral groups were formed only if at least five responding organizations and at least 200 engineers were represented. Participants who did not fall into a conventional industry category, or whose preferred sectors could not be formed, were grouped into three residual categories: Other Durable Goods Manufacturers, Other Nondurable Goods Manufacturers, and Other Non-Manufacturers. The last category accounted for less than 100 engineers, so no separate analysis was provided for it, but those cases are included in summary presentations for All Non-Manufacturing Industries and All Industries.

See the table "Distribution of Responses, 1989," below, for a list of the final sectors. In addition, the organizations included in each sector are identified in the appendices.

3. Within sectors, no one responding organization was permitted to account for more than one-half (50 percent) of the data points--number of engineering salaries--reported for the sector. Weighting was used to carry out these adjustments, which have the effect of limiting the influence of any single organization on the results of the survey. In most cases, the actual effects of these adjustments were negligible, because weighted organizations only rarely vary greatly from others in the same sector in their salary practices.

4. Within sectors, further divisions of the data to isolate such subgroups as supervisors, engineers with master's degrees, etc., can have the effect of reducing the size of data pools below the 200-case minimal standard. In such cases, no salary statistics were generated.

5. Across sectors, in estimates of combined-industry salaries for such groups as electric and gas utilities, all manufacturers, etc., the data were weighted again to bring the sector-by-sector distribution of engineers into line with the actual distribution of engineers in the work force. As in other recent EMC salary surveys, the basis for this second set of weights is the U.S. Bureau of Labor Statistics' industry-and-occupation matrix. The matrix is a computer-based model maintained by the Office of Economic Growth at BLS, and accounted for some 1.3 million employed engineers as of 1986. The table, below, on the distribution of responses includes the BLS data for the numbers of engineers in the several sectors. Also, weights for the "All Industries" summary are reported. It is apparent that EMC's data base, which is not a random sample, roughly parallels the actual engineering labor force in its distribution among the major types of industries. The unweighted data tend to overrepresent the chemical and utility sectors, and to underrepresent the automotive, non-electric machinery, and precision instruments sectors; weights reduce these biases as well as a number of less prominent differences between EMC's data base and the distribution of engineers, as estimated by BLS, in the U.S. industrial economy.

6. The raw medians, quartiles and other percentiles were developed by straight-line interpolation within salary brackets, rounded to the nearest $50. The median, or 50th percentile, provides an illustration. The median for any ranked distribution is that value that divides the data in half, with 50 percent of the cases above it and 50 percent below. For example, if there are 249 engineers with a given level of experience in a sector, the median salary for this level of experience is the value of the 125th data point. EMC's data are grouped into salary brackets, so calculation requires one to determine which group of salaries contains this median point. Interpolation then yields the final raw result; continuing the example, if the 125th point happens to be the 20th case in the $36,000-$37,999 bracket, and if there are 39 cases in this bracket, then the median value is $37,000. Calculation of the deciles and quartiles is similar, except that in those cases the statistics cut the data into quarters or tenths.

7. Statistics for deciles, quartiles, medians, and means were not computed if the number of data points for those with a given level of experience (years since obtaining the B.S. degree) was either ten or less, or less than one percent of all the cases in the data set; if the data were for supervisors with less than four years of experience; if the data were for engineers with master's degrees and less than two years' experience; or if the data were for engineers with doctoral degrees and less than five years' experience.

CURVE SMOOTHING

As in the past, EMC's final salary statistics were generated from raw results using four-parameter smooth curves computed by the least squares method. Raw statistics were converted, using data across all levels of experience, into curves of the form

$$y = ax^z + bx + c$$

where y = the reciprocal of the salary and x = (43 minus the number of years since the first degree). The computational algorithm yields values for the parameters a, b, c and z which minimize the sum of the squares of the differences between the raw and smooth values of y. The squared differences are weighted by the number of cases associated with each set of data points. Transformed values are used to improve the precision of the computation.

This approach to curve smoothing was adapted by Richard C. Fremon (a former chairman of the Commission and presently an emeritus member) from similar routines he developed for salary curve smoothing at AT&T's Bell Laboratories in the 1960's, and has been used by EMC since 1967. In reprogramming the routines for use on EMC's new computing systems, some new wrinkles have been added. Improved handling of values arbitrarily used for beginning and ending salary brackets--in 1989, for salaries of more than $125,000 or less than

$22,000 per annum--eliminated difficulties experienced in the past when top salaries for some of the most highly paid engineers, such as senior supervisors in the petroleum industry, tended to be artificially depressed. Also, graphing routines were adjusted so that plotted curves accurately reflect the actual value assumed for the top experience bracket (39 years).

A more fundamental adjustment has been EMC's increasing allowance for the fact that more than one "minimal" sum of squares can be computed for most of these salary data, depending on what values are assumed at the beginning of the process. EMC's traditional program iterated the computations until the sum of the squared differences began to rise; at that point the process would end and the previous results would be used as final values. In some distributions of the data (for example, when the statistics were dominated by a pair of companies with very dissimilar salary scales) this approach could yield unsatisfactory results. In the more common curve smoothing exercises employed by many corporations to examine compensation practices, such problems can be handled through trial-and-error tests until a satisfactory outcome is reached. That sort of solution is less feasible for EMC, both because of the volume of curves the project generates, and because highly consistent methods are needed to provide a degree of comparability among different results in any one year, as well as among results over time, from one year to the next.

To provide improved results while still adhering to predictable methods, the curve-smoothing program was adjusted in 1987 to test the value of the exponent z, which ordinarily begins at 1.0, incrementing in steps of 0.1 until the sums of squares no longer shrink. When this process was completed for any given set of data, z was inspected to determine if it had only reached a relatively small value (2.0 out of a possible top value, set arbitrarily, of 15.0). If not, the process was automatically restarted, running a second time after re-initializing z to the higher starting value of 2.0.

This change leads, in almost every case, to the generation of a *pair* of curves--which is to say that EMC's original approach almost always yielded a solution before z had reached a very large value. Restarting the procedure provides a second possible solution and a second set of smooth curves, which can then be compared with the original set to choose the one with the best fit to theory (e.g., that salaries should increase most rapidly in early years and flatten with greater experience), as well as a good fit to the original data (that is, the curves should not grossly distort the raw results). The final curves are selected by choosing the version that comes closest to the raw data for the starting (less than one year), ten, and 25-year experience brackets (in some cases, adjacent brackets are used to compare the pair of curves, because of obvious sampling problems in the raw statistics). In 1989, EMC also computed and used curves with still higher initialization values of z, for a few cases where continuation of this iterative process resulted in more satisfactory outcomes. Over 90 percent of the curves depicted in this report were derived by iterations that were initialized at $z = 2.0$. The aerospace sector and some supervisory curves respond best to initializations at $z = 1.0$ (the same is often true for the relatively flat maturity curves computed by EMC for such groups as engineers in education or government). In a few cases, initialization values as high as 5.0 were used. Within sets of matched curves (for example, supervisory data for all engineers, supervisors with bachelors' degrees, supervisors with M.S. degrees, etc.), initialization values were held constant to improve the comparability of the data.

Note that these procedures only limit the starting points for the curve-smoothing computations; the actual results are generated by whatever value z has reached before the sum of squares begins to increase, a value that varies from one curve to the next. In practice, the following outcomes have been observed. EMC's traditional (pre-1987) curves, which did not provide for the use of starting values of z that were greater than 1.0 and which usually resulted from iterations that ended before z had reached a value of 2.0, tended to be "peaky" (although the peaks could occur outside the visible portion of a graph, so that some curves appeared as virtually straight lines). Often these curves did not seem to move down enough at the early (beginning) salary levels. The alternative curves, which are computed using higher starting values for z, behave differently. Usually (not inevitably, however) they conform more closely to the raw statistics for salaries of new engineers, at least when data are not limited to those with advanced degrees or supervisory responsibilities. These curves flatten out when they reach the higher experience brackets; in most cases, this also improves the fit of the curves to the raw data.

Beginning in 1987, EMC began to present its raw salary results as well as the smooth-curve estimates, doubling the amount of information provided by these surveys and enabling more sophisticated interpretations of the statistics. This has allowed EMC to make distinctions between *factual outcomes for the companies participating in a survey,* which is what the raw statistics are, and *best estimates of the underlying general trends.*

The Commission is still not fully satisfied with its curve-smoothing methods; least-squares computations entail a number of logical and mathematical difficulties when applied to data on compensation. In particular, the computations are very sensitive to variations in the distribution of a set of engineers across experience brackets, and the curves for supervisors or engineers with M.S. or Ph.D degrees tend to overestimate rates of compensation for the more recent entrants to the profession. Other methods, including the use of banded splines and anchoring points, have been applied by organizations that do not have EMC's need for an approach that can be rapidly and consistently applied to a broad range of national data from many different sectors. The Commission is continuing its study of these alternatives, and further refinements of our methods are anticipated. The general method of maturity curves is widely used as a means to assess the compensation of engineers, and EMC expects to continue to contribute to the development of these tools, as it has in the past.

PRESENTATION OF RESULTS

Curves and tables in this report are arranged in a hierarchy, starting with the broadest grouping ("All Industries") and then working through specific sectors, to the extent permitted by the data and the rules and conventions discussed above.

The "All Industries" data are extensive, and include details for supervisors, nonsupervisors, and variations by size of employer and region of the nation. Next, data are presented for "All Manufacturing Industries," and for the industrial sectors that are included in that group; then the report concludes with a similar section for "All Non-Manufacturing Industries."

The table of contents for this report can assist users in locating comparative data of interest. The specific participating organizations in each sector are identified in the appendices, so that users can better judge the applicability of the information given for a particular sector to their own situations.

The tabulations accompanying the curves include mean salaries (not plotted) and the distribution of the cases among the various experience brackets. The tables also list the numbers of cases falling in the extreme salary brackets (for industry data in 1989, less than $22,000 or more than $125,000). The tabulations also provide summary data for salaries across all experience brackets. Such broad statistics are unlikely to be applicable to specific engineers, but they are useful in assessing differences among groups. Since these data are now routinely provided in the tables, the brief discussion of overall salary outcomes that was once included in these introductions has been dropped from the text. However, we will note that in most cases, the levels of engineering pay reported in these surveys did not rise very much between 1988 and 1989.

Data provided by participants in EMC salary surveys are confidential and only aggregates are presented. Only EMC staff have access to completed forms. Forms do not identify salaries of specific persons.

DEFINITIONS

1. Industrial Sectors and Combined Groupings:

All Industries includes all participating organizations in the 1989 EMC salary survey (other than government).

All Manufacturing includes the following industrial sectors: aerospace; automotive and related manufacturers; chemicals; electric, electronic, and computing equipment; fabricated metal products; machinery (other than electric); petroleum; precision instruments; other durable goods manufacturers; and other nondurable goods manufacturers.

Electric, Electronic and Computing Equipment is a summary grouping; in addition, separate reports are provided for manufacturers of electrical machinery, electronic equipment, and computing hardware or software.

Other Durable Goods Manufacturing and *Other Nondurable Goods Manufacturing* are residual sectors. They include organizations who judged that their businesses did not fit into any of the more traditional industrial sector categories; they also include additional organizations whose preferred sectors could not be formed due to a lack of a sufficient number of responding employers, data points, or both. "Durable Goods" are those with a normal usable life of at least three years, and include ships, ceramic products, basic metal refining, lumber, and other similar kinds of products. "Nondurable Goods" are those with a shorter usable life, and include paper, tires and other fabricated rubber products, and agricultural products.

Non-Manufacturing Industries is a summary group that includes communication services and utilities, construction, consulting and engineering services, electric and gas utilities, research organizations, and a miscellaneous residual group of "other" non-manufacturing organizations (see below).

Consulting and Engineering Services is a summary group; separate reports are also provided on both components.

Electric and Gas Utilities is a summary group; separate reports are also provided for electrical utilities (which include combined electric and gas utilities), and for gas utilities (principally pipeline companies).

Other Non-Manufacturing is a residual group for non-manufacturing participants whose preferred classifications could be not formed, due to lack of sufficient data. In 1989, the group includes companies or organizations in mining, business/trade/publishing, and professional societies. As noted above, the total number of engineers reported to EMC in 1989 by such organizations was small, less than 100 individuals, so these data are used only in summary presentations.

Large Industrial Employers have 5,000 or more employees; *Medium Industrial Employers* have between 500 and 4,999 employees; *Small Industrial Employers* have less than 500 employees.

A list of the regional classifications used in this report is included at the beginning of the tabulations by region.

2. Chart Data (a facsimile chart is provided in the appendices for readers wishing to plot their own data):

Median: the point in a ranked array that is the midpoint of the series; the 50th percentile.

Quartile: points in ranked arrays that divide the series into quarters. The lower quartile is the 25th percentile; the upper quartile is the 75th percentile.

Decile: points in ranked arrays that divide the series into tenths. The lower decile is the 10th percentile; the upper decile is the 90th percentile.

Mean: sum of the values of the data, divided by the number of cases (data points). Provided as a convenience, but rarely used in analyses of income data, because means are sensitive to extreme values, while medians are not.

Supervisors: those "whose duties are primarily managerial or supervisory," whether or not they currently work in engineering positions. Some participating organizations indicate that they do not report salaries of top managers. EMC acknowledges in the instructions that accompany its data collection instruments that the precise definition of this term will vary from one organization to the next.

Years Since Baccalaureate Degree: a measure of experience. In 1989, an engineer with zero years of experience received the bachelors' degree in 1988 or the first quarter of 1989. Engineers with more experience may have been working or may have been pursuing advanced degrees.

3. Data on Bonuses or Other Forms of Special Incentive Compensation: increasingly, one-time special payments form an important component of engineering pay. EMC has traditionally tracked base salaries only. In recognition of the trend toward more use of bonuses, however, the 1989 survey included a special question to estimate the percentage of supervisors and non-supervisors who received additional special compensation in 1988 (the item is necessarily retrospective, since 1989 bonuses would not have been paid at the time of the study). Results for this item are reported in the table on the following page. Note that a non-response to the item was treated as a zero (that is, as an indication that no such compensation was paid).

PERCENTAGES OF ENGINEERS WHO RECEIVED BONUSES OR
OTHER FORMS OF SPECIAL INCENTIVE COMPENSATION IN 1988:

Industry Group:	Supervisors:	Non-Supervisors:	All Engineers:
All Industries	14.1%	14.0%	14.0%
All Manufacturing	13.5	10.1	10.8
Aerospace	0.8	1.1	1.1
Automotive & Related	1.4	0.0	0.3
Chemicals/Drugs/Plastics	38.2	26.0	29.0
Electric Machinery/Electronics/Computers	8.9	20.3	18.7
Electrical Machinery	27.5	26.1	26.5
Electronics	5.5	20.8	18.9
Computers	6.6	4.7	5.2
Fabricated Metal Products	11.4	2.6	4.5
Machinery (Other Than Electrical)	36.3	15.0	22.1
Petroleum	1.4	0.3	0.7
Precision Instruments	0.0	0.1	0.1
Other Durable Goods Manufacturing	5.6	0.0	1.2
Other Nondurable Goods Manufacturing	21.6	0.0	7.8
All Non-Manufacturing	15.5	20.3	19.0
Communication Services	0.0	0.0	0.0
Construction	1.6	0.7	0.9
Consulting/Engineering Services	12.5	5.9	7.6
Consulting	13.8	6.4	8.5
Engineering Services	9.9	5.2	6.2
Electric/Gas Utilities	8.2	4.7	5.8
Electric Utilities	7.2	4.9	5.6
Gas Utilities	21.2	0.7	9.5
Research & Other Non-Manufacturing*	30.0	42.7	39.9

NOTES: "Other Non-Manufacturing" not separately assessed (too few cases); instead, combined with R&D.

DISTRIBUTION OF RESPONSES, 1989

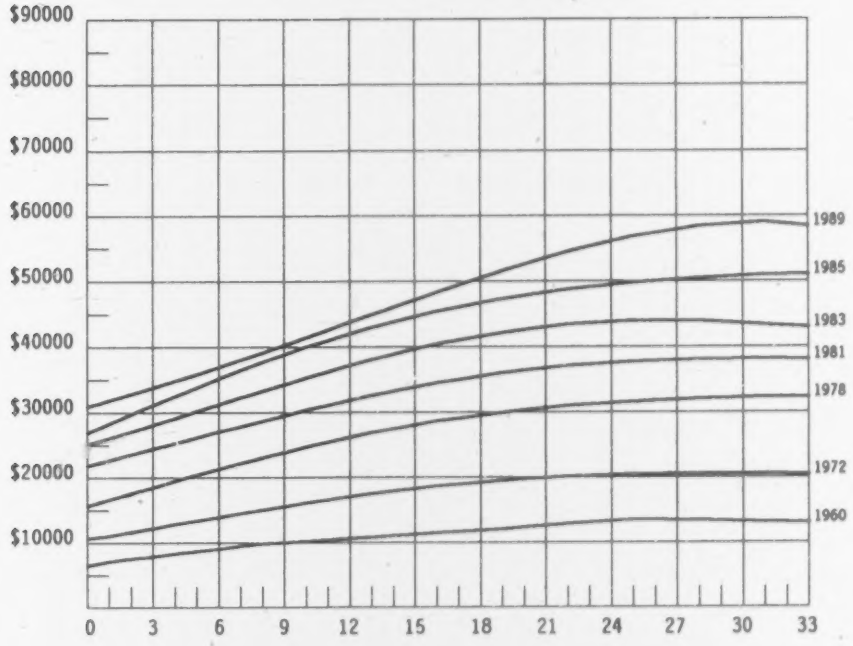
Industry Group:	Participating Organizations:	Engineers Represented:	All Employed Engineers (BLS Data for 1986):	Sector Weight:
All Industries	279	111,150	1,157,866	N/App
All Manufacturing	133	58,506	711,377	N/App
Aerospace	18	19,160	146,972	0.73636
Automotive & Related	5	312	39,876	12.26896
Chemicals/Drugs/Plastics	9	14,044	38,755	0.26490
Electric Machinery/Electronics/Computers	41	12,667	239,079	1.81183
Electrical Machinery	6	835	---	---
Electronics	26	11,164	---	---
Computers	9	668	---	---
Fabricated Metal Products	15	1,431	32,017	2.14779
Machinery (Other Than Electrical)	13	209	62,913	28.89648
Petroleum	9	5,119	32,136	0.60264
Precision Instruments	6	241	48,194	19.19671
Other Durable Goods Manufacturing	12	4,751	34,341	0.69387
Other Nondurable Goods Manufacturing	6	572	37,094	6.22527
All Non-Manufacturing	145	52,644	446,489	N/App
Communication Services	5	1,090	31,717	2.79329
Construction	3	1,173	39,741	3.25231
Consulting/Engineering Services	51	15,492	160,573	0.99498
Consulting	36	9,316	---	---
Engineering Services	15	6,176	---	---
Electric/Gas Utilities	50	11,661	39,175	0.32250
Electric Utilities	40	11,129	---	---
Gas Utilities	10	532	---	---
Research & Other Non-Manufacturing	36	23,228	175,283	0.72440
Research & Development Organizations	29	23,135	---	---
Other Non-Manufacturing	7	93	---	---

NOTES: Participating organizations counted in primary (first-named) sector only. Totals in specific tables may not exactly match these numbers, due to rounding in the weighting process. Additional weights, not depicted here, were used for the "All Manufacturing" and "All Non-Manufacturing" groups. Data for engineers in government are not used in this table; those figures add 173,881 engineers to the BLS work force estimates. In general, statistics from the 1986 BLS Industry-and-Occupation Matrix have been regrouped here, to accomodate EMC's broader sectoral definitions. The Bureau of Labor Statistics will issue an updated industry/occupation matrix with a 1988 baseline late this year, and that version will be used to weight EMC's 1990 salary survey.

SALARY TREND CURVES—1960-1989

Note: Salaries represented on the trend curves have been taken from the EMC publication *Professional Income of Engineers* for each reported year. Industry groupings and their titles have differed somewhat from report to report, and different scales of years have been used in earlier charts. All curves for years prior to 1968 are based on raw data. (Please see explanation of curve smoothing in the introduction.)

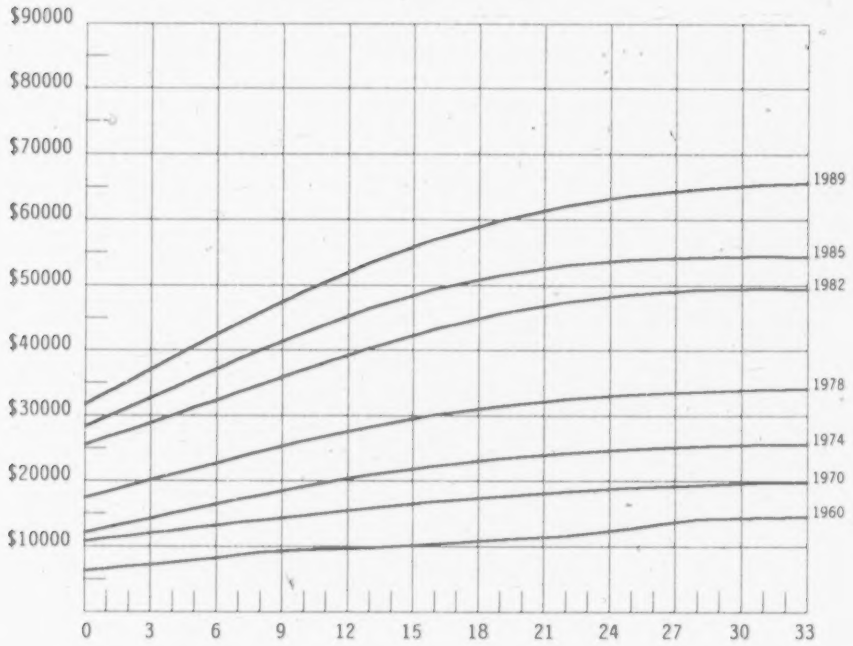
SELECTED INDUSTRY MEDIANS: AEROSPACE



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	30950	31900	32900	33850	34900	35950	37000	38100	39200	41500	44950	48400	51650	54550	56900	58450	59150	56400
1985	26950	28350	29800	31200	32550	33900	35250	36500	37750	40050	43050	45500	47400	48800	49800	50500	51050	51350
1983	25150	26150	27150	28150	29200	30250	31300	32350	33350	35350	38150	40500	42250	43450	44000	44000	43400	41750
1981	21950	22800	23650	24500	25350	26200	27100	27950	28750	30400	32650	34550	36050	37150	37800	38150	38250	37900
1978	15750	16700	17650	18600	19550	20550	21400	22300	23150	24800	26950	28700	30000	31000	31650	32050	32350	32450
1972	10650	11150	11700	12300	12850	13400	13950	14550	15100	16150	17600	18750	19600	20150	20500	20600	20600	20400
1960	6450	7150	7575	7925	8325	8725	9050	9525	9875	10275	10850	11600	12075	12900	13500	13375	13175	12650

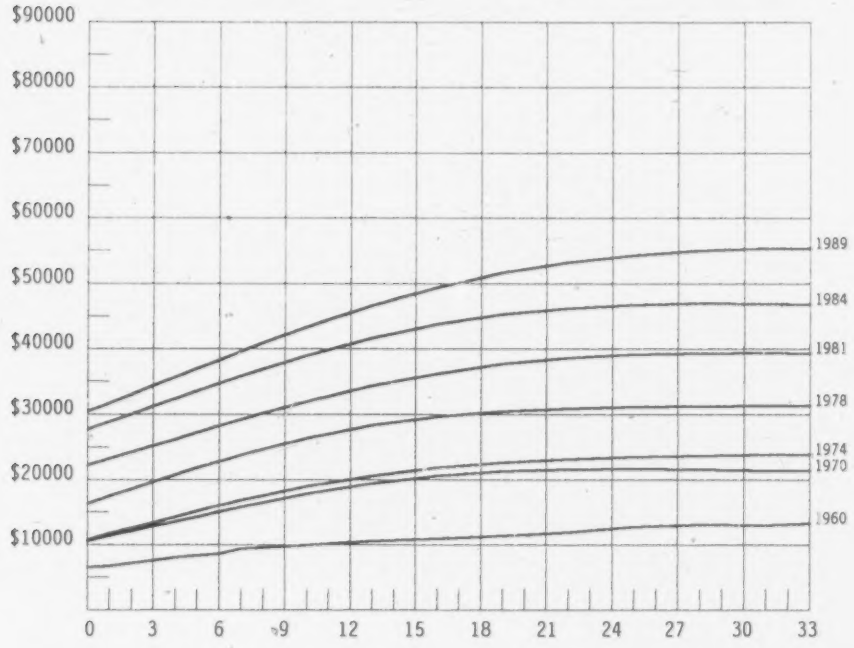
SELECTED INDUSTRY MEDIANS: CHEMICALS



SELECTED ENGINEERING SALARY STATISTICS:

Survey Year:	Years Since B.S. Degree: 0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	31700	33500	35300	37100	38950	40700	42500	44200	45900	49100	53450	57050	59900	62100	63700	64750	65450	66000
1985	28350	29800	31250	32750	34200	35700	37200	38650	40050	42800	46450	49400	51600	53050	53950	54350	54450	54300
1982	25550	26650	27750	28900	30050	31250	32400	33600	34800	37100	40400	43300	45650	47450	48650	49300	49550	49150
1978	17508	18350	19250	20150	21050	21900	22800	23650	24500	26150	28300	30100	31500	32550	33250	33700	34050	34250
1974	12150	12900	13600	14350	15100	15800	16550	17250	17900	19200	20950	22350	23450	24300	24900	25300	25600	25600
1970	10850	11250	11650	12050	12450	12850	13250	13650	14050	14800	15900	16850	17700	18400	19000	19400	19800	20100
1960	6325	6575	7075	7200	7575	7900	8250	8700	9125	9550	9825	10375	11125	11675	12800	14200	14450	15150

SELECTED INDUSTRY MEDIANS: ELECTRICAL/ELECTRONICS

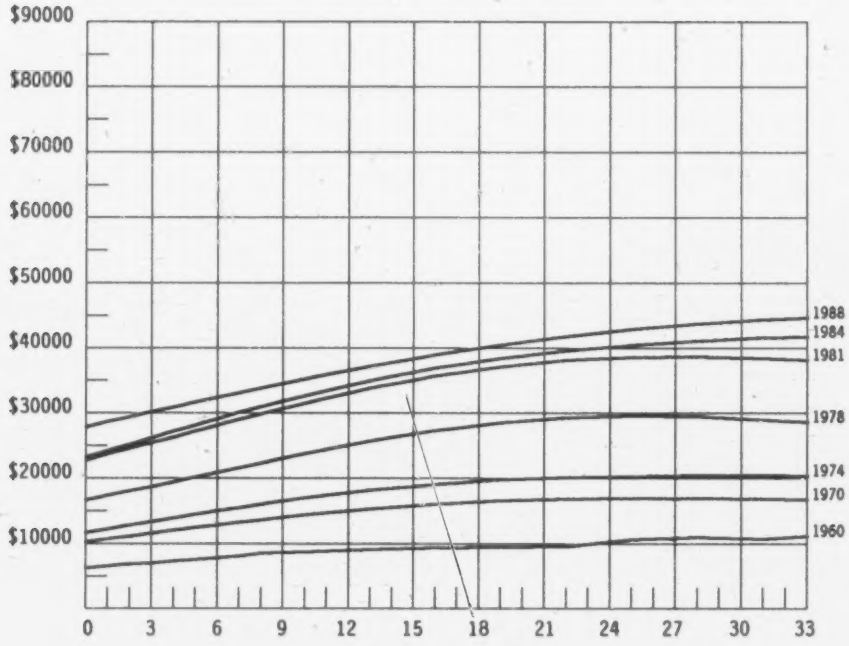


YEARS SINCE BACCALAUREATE DEGREE

SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	30450	31750	33050	34400	35750	37050	38350	39650	40950	43350	46700	49450	51650	53250	54350	55000	55350	55550
1984	27700	28850	30050	31250	32450	33600	34750	35900	37000	39000	41700	43800	45300	46250	46800	47000	46950	46650
1981	22250	23250	24250	25250	26250	27300	28300	29250	30200	32000	34400	36300	37750	38650	39200	39400	39450	39200
1978	16400	17500	18600	19700	20800	21850	22850	23850	24750	26400	28350	29650	30500	30950	31200	31300	31350	31350
1974	10800	11700	12600	13450	14350	15200	16050	16850	17600	19000	20650	21850	22700	23200	23550	23750	23900	23950
1970	10600	11350	12100	12850	13600	14350	15100	15850	16550	17900	19500	20600	21300	21600	21650	21600	21450	21300
1960	6575	6725	7200	7675	8075	8375	8650	9375	9575	10000	10550	10900	11350	11900	12765	13125	13075	14000

SELECTED INDUSTRY MEDIANS: MACHINERY

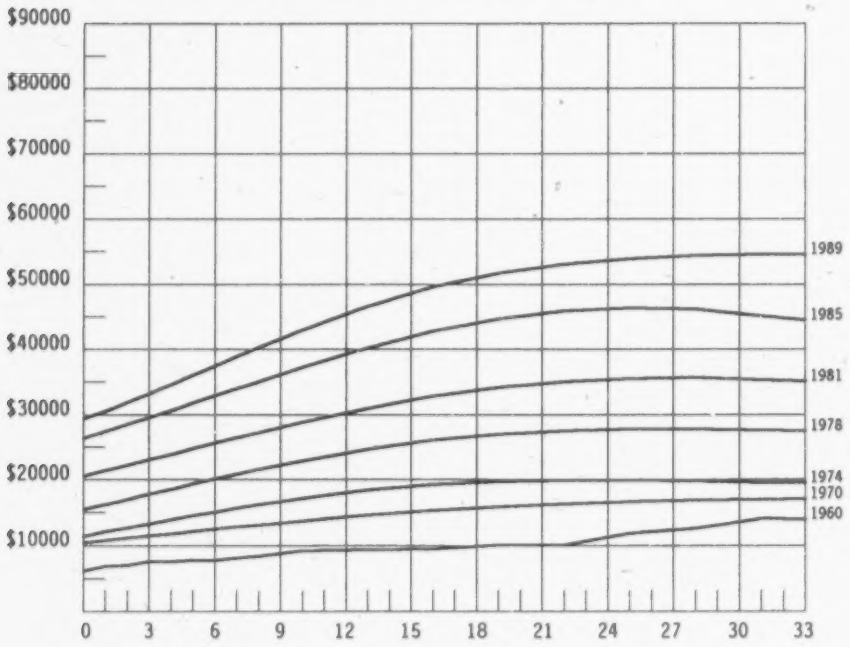


SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1988	27950	28700	29450	30200	30950	31700	32450	33200	33900	35300	37250	39050	40550	41850	42950	43800	44450	45400
1984	23250	24250	25250	26250	27250	28200	29150	30100	31000	32700	35000	36950	38450	39650	40500	41150	41650	42050
1981	22800	23700	24600	25500	26350	27250	28150	29050	29900	31600	33850	35750	37200	38200	38700	38800	38500	37600
1978	16700	17400	18100	18800	19500	20250	21000	21700	22400	23800	25750	27350	28550	29300	29600	29500	28950	27600
1974	11700	12250	12850	13400	14000	14550	15100	15600	16100	17050	18250	19150	19800	20200	20400	20500	20500	20450
1970	10350	10800	11200	11650	12100	12500	12900	13300	13700	14450	15400	16100	16600	16850	17000	16950	16850	16600
1960	6300	6625	6950	7050	7350	7625	7950	8175	8675	8800	9150	9425	9500	9600	10700	10975	10800	12275

Note: 1989 curve not used; insufficient data for early years of experience.

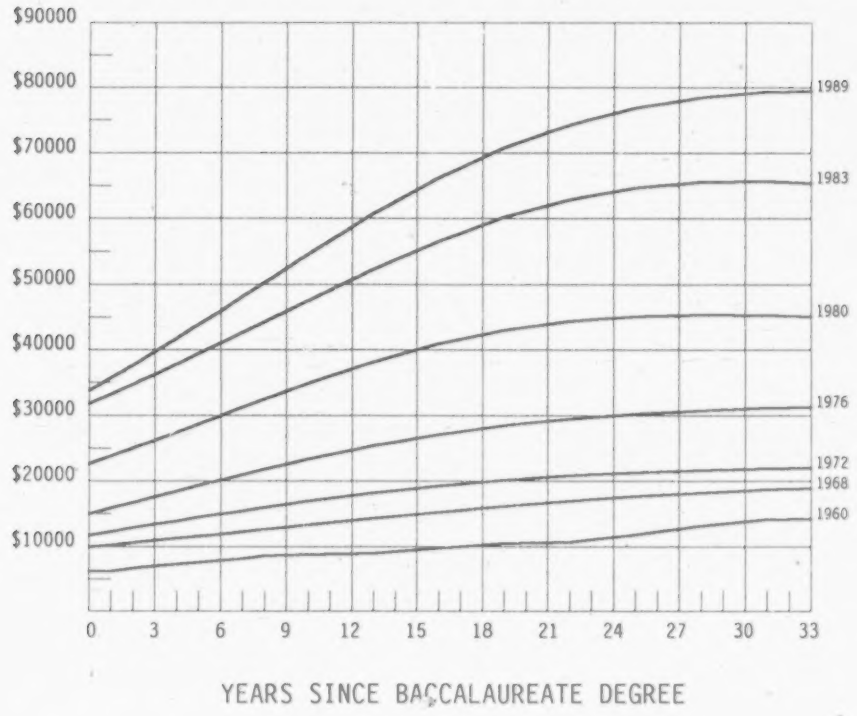
SELECTED INDUSTRY MEDIANS: METAL PRODUCTS



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	29400	30600	31900	33250	34650	36050	37500	38950	40350	43050	46700	49650	51750	53150	54000	54450	54650	54750
1985	26400	27450	28550	29600	30700	31850	32950	34050	35150	37300	40300	42850	44750	45950	46400	46200	45200	42550
1981	20600	21450	22250	23100	23950	24800	25650	26450	27300	28900	31050	32850	34250	35150	35600	35700	35400	34450
1978	15550	16300	17050	17850	18600	19350	20150	20850	21600	22950	24700	26100	27000	27550	27800	27800	27650	27250
1974	11500	12150	12750	13350	14000	14600	15150	15750	16250	17250	18450	19300	19750	19950	19950	19800	19600	19350
1970	10500	10850	11200	11550	11850	12200	12550	12850	13200	13800	14650	15350	15950	16400	16700	16950	17100	17150
1960	6275	6925	7125	7675	7625	7850	7825	8225	8450	9275	9375	9550	10100	10125	11925	12600	14100	14000

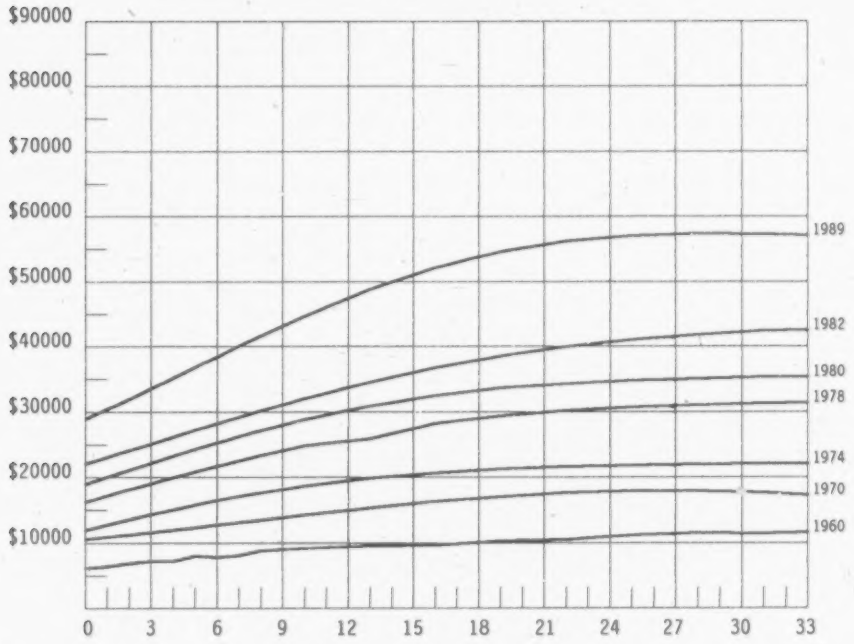
SELECTED INDUSTRY MEDIANS: PETROLEUM



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	33800	35700	37700	39700	41800	43900	46000	48200	50350	54650	60800	66250	70850	74350	76850	78450	79350	79950
1983	31800	33250	34750	36300	37850	39450	41050	42700	44350	47600	52350	56650	60250	62950	64750	65600	65700	64450
1980	22700	23850	25050	26250	27500	28750	30000	31250	32500	34900	38200	41000	43050	44450	45200	45450	45300	44700
1976	15050	15900	16750	17600	18500	19350	20200	21000	21850	23350	25450	27150	28500	29500	30250	30750	31200	31450
1972	11750	12300	12850	13400	13900	14450	15000	15500	16000	16950	18200	19300	20150	20850	21350	21700	22000	22200
1968	9950	10250	10600	10950	11300	11600	11950	12300	12650	13300	14300	15250	16150	16950	17650	18200	18800	19400
1960	6250	6250	6700	6975	7325	7525	7925	8225	8600	8825	9025	9750	10450	10650	11800	13200	14100	14800

SELECTED INDUSTRY MEDIANS: CONSTRUCTION

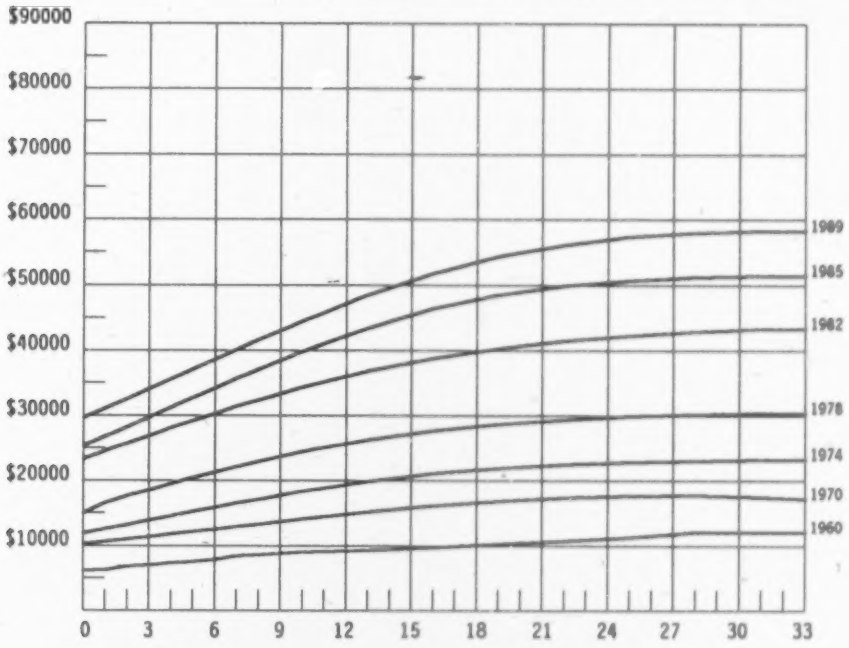


YEARS SINCE BACCALAUREATE DEGREE

SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	28950	30450	32000	33600	35200	36850	38450	40050	41650	44700	48850	52200	54700	56300	57100	57400	57350	56650
1982	22100	23150	24150	25200	26200	27250	28250	29250	30200	32050	34600	36800	38600	40000	41100	41850	42500	42850
1980	19050	20100	21200	22250	23300	24350	25350	26300	27200	28900	30950	32550	33650	34350	34850	35150	35350	35450
1978	16300	17250	18200	19100	20000	20900	21800	22600	23400	24900	26000	28300	29400	30250	30800	31150	31400	31550
1974	12000	12800	13600	14400	15150	15850	16500	17150	17700	18750	19950	20750	21350	21700	21900	22050	22100	22150
1970	10550	10900	11250	11650	12000	12400	12800	13150	13550	14300	15400	16350	17100	17650	17950	18000	17650	16450
1960	6200	6500	6925	7275	7275	8050	7925	8225	8850	9275	9600	9675	10300	10525	11200	11600	11450	12250

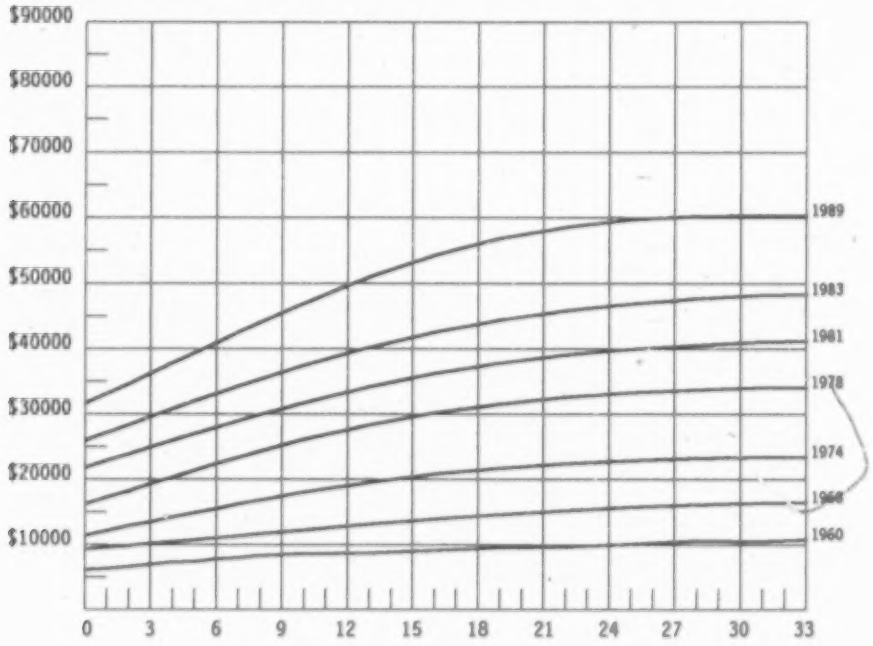
SELECTED INDUSTRY MEDIANS: CONSULTING & ENGINEERING SERVICES



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	29700	31150	32600	34100	35650	37150	38650	40150	41650	44550	48500	51800	54400	56200	57400	58050	58300	58250
1985	25400	26850	28300	29800	31300	32800	34250	35750	37150	39900	43500	46450	48550	49950	50800	51250	51450	51450
1982	23400	24600	25800	26950	28150	29250	30350	31450	32450	34400	36900	38850	40400	41550	42350	42900	43350	43600
1978	15050	16650	17650	18600	19550	20500	21350	22250	23050	24500	26350	27750	28750	29450	29950	30200	30400	30500
1974	11950	12600	13250	13950	14600	15250	15950	16600	17200	18400	19900	21150	22000	22600	22950	23150	23250	23300
1970	10300	10650	11050	11400	11800	12200	12550	12950	13350	14100	15200	16150	16900	17450	17700	17750	17500	16500
1960	6250	6350	6825	7050	7400	7600	7925	8425	8675	9075	9350	9825	10300	10775	11325	12100	12100	12000

SELECTED INDUSTRY MEDIANS: ELECTRIC & GAS UTILITIES

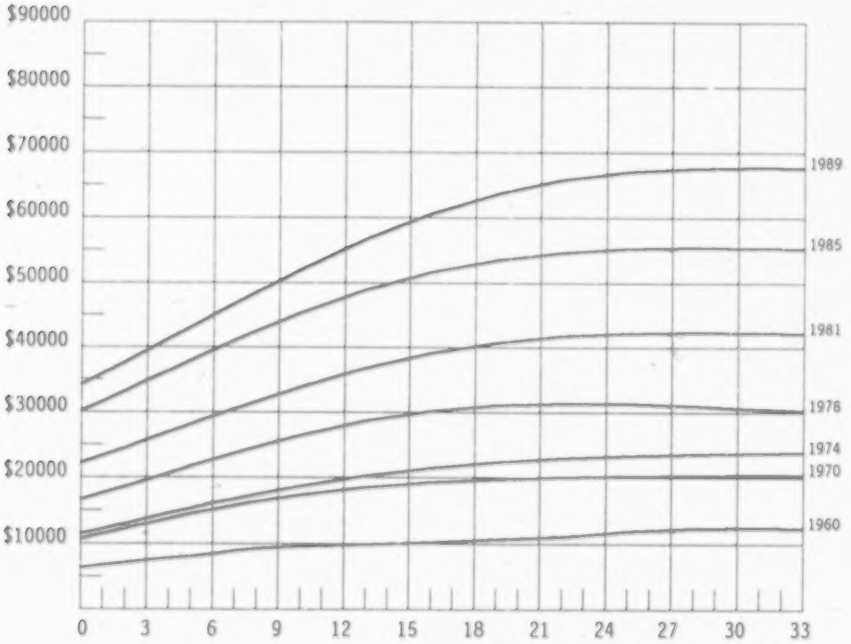


YEARS SINCE BACCALAUREATE DEGREE

SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	31650	33150	34700	36250	37850	39400	41000	42550	44100	47050	51000	54350	56850	58600	59700	60250	60400	60200
1983	25950	27200	28400	29600	30850	32000	33200	34300	35400	37500	40250	42600	44450	45850	46950	47700	48300	48700
1981	21900	22900	23900	24950	25950	27000	28000	28950	29950	31750	34200	36250	37900	39100	40000	40650	41150	41500
1978	16300	17300	18350	19400	20400	21450	22450	23400	24350	26100	28400	30200	31600	32600	33300	33750	34100	34300
1974	11450	12150	12850	13550	14250	14950	15600	16300	16900	18100	19600	20850	21750	22450	22900	23250	23450	23600
1968	9300	9600	9900	10200	10500	10800	11100	11400	11700	12300	13150	14000	14700	15300	15800	16150	16450	16650
1960	6150	6325	6600	6950	7250	7425	7775	8025	8350	8575	8750	9125	9575	9725	10100	10650	10575	11550

SELECTED INDUSTRY MEDIANS: RESEARCH ORGANIZATIONS

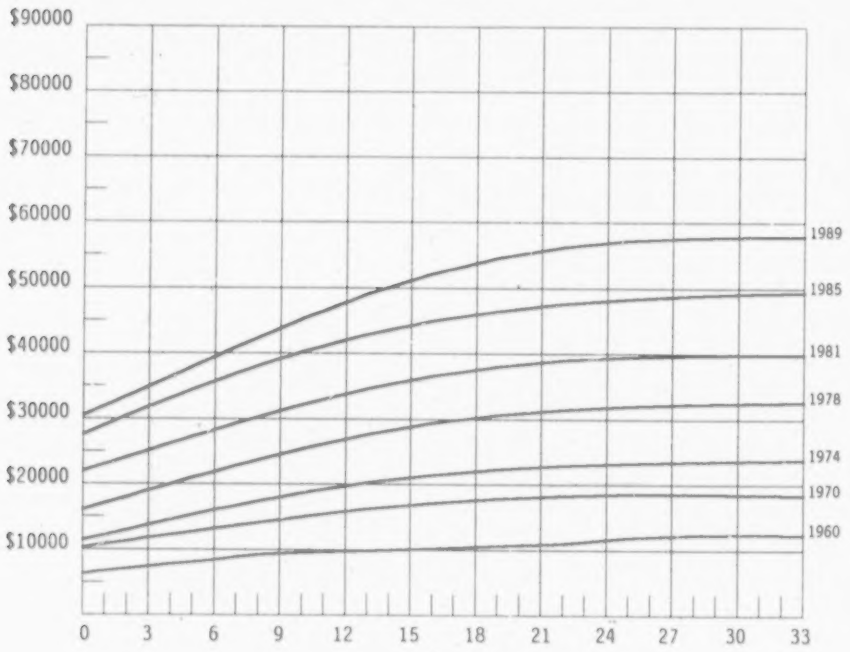


YEARS SINCE BACCALAUREATE DEGREE

SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	34200	35950	37700	39500	41300	43100	44950	46750	48550	52000	56700	60650	63650	65750	67000	67600	67750	67450
1985	30100	31650	33250	34850	36400	38000	39550	41100	42550	45350	48900	51650	53550	54700	55300	55450	55350	55050
1981	22100	23250	24450	25650	26900	28100	29300	30500	31650	33900	36800	39100	40750	41750	42250	42400	42300	41950
1978	16650	17600	18600	19600	20650	21650	22650	23650	24600	26400	28600	30150	31100	31400	31350	31050	30500	29800
1974	11450	12200	13000	13750	14550	15300	16050	16750	17450	18700	20250	21450	22300	22900	23300	23550	23750	23850
1970	10650	11450	12250	13000	13750	14450	15150	15750	16350	17300	18450	19250	19750	20050	20250	20350	20450	20450
1960	6300	6725	7125	7475	7800	8100	8450	8900	9250	9625	9875	10275	10700	11000	11925	12350	12450	12175

SELECTED INDUSTRY MEDIANS: ALL INDUSTRIES

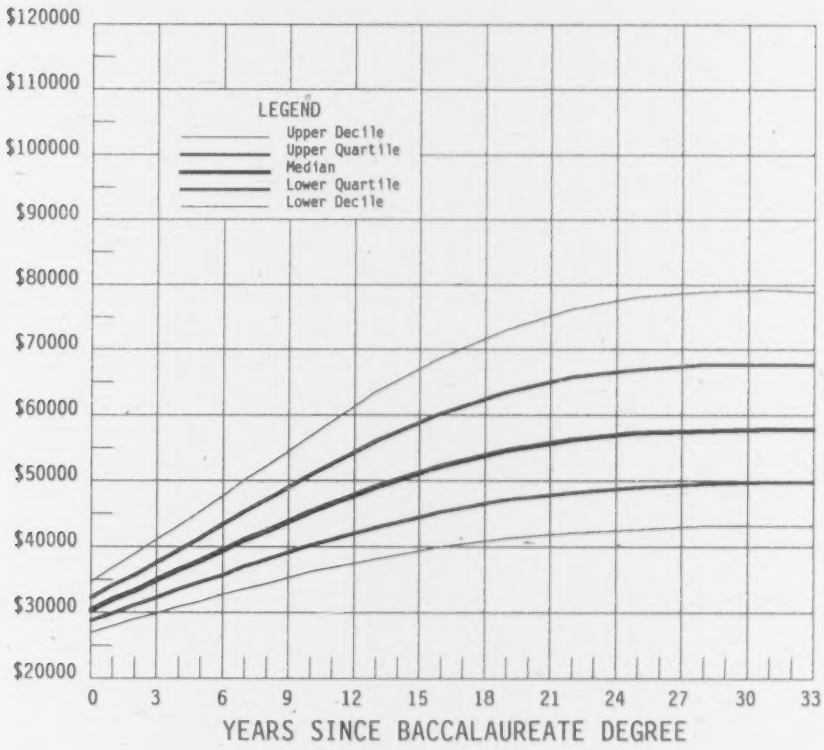


SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1989	30450	31950	33400	34900	36450	37950	39450	40950	42400	45250	49050	52200	54600	56250	57250	57700	57900	57650
1985	27600	29000	30450	31850	33200	34500	35750	37000	38150	40250	42900	45000	46500	47650	48400	48900	49250	49450
1981	22000	23050	24100	25150	26200	27250	28300	29300	30300	32150	34650	36600	38050	39000	39600	39850	39950	39800
1978	16100	17050	18050	19000	20000	20950	21900	22850	23750	25450	27650	29400	30650	31500	32000	32350	32550	32650
1974	11450	12200	13000	13750	14550	15300	16050	16750	17450	18700	20250	21450	22300	22900	23300	23550	23750	23850
1970	10350	10850	11300	11800	12250	12750	13250	13700	14150	15050	16250	17200	17900	18350	18550	18600	18450	18100
1960	6300	6725	7125	7475	7800	8100	8450	8900	9250	9625	9875	10275	10700	11000	11925	12350	12450	12175

CURVES AND TABLES FOR ALL INDUSTRIES

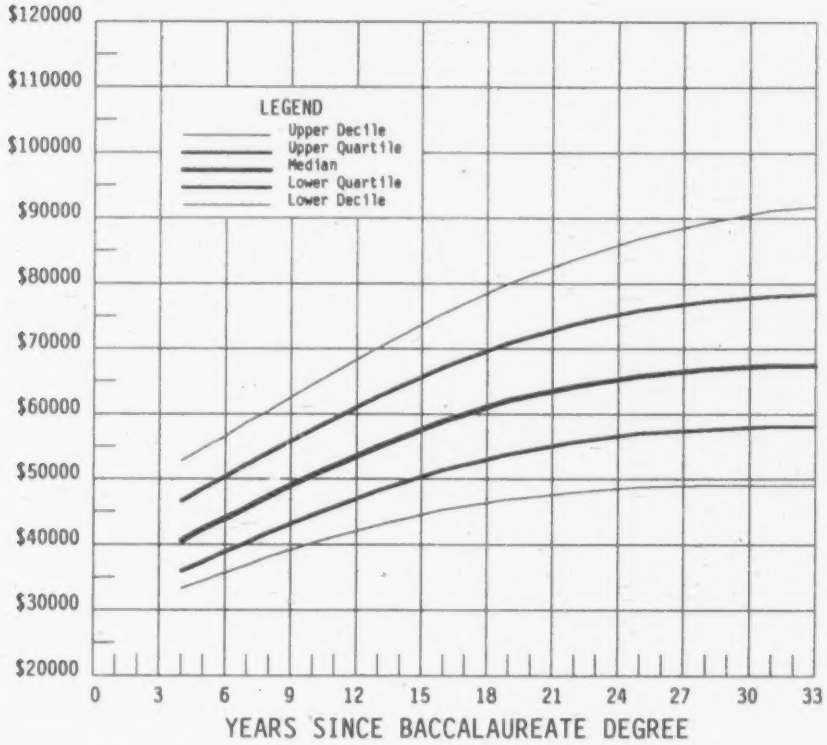
SALARY CURVES FOR ENGINEERS IN ALL INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34750	36750	38850	41000	43200	45450	47750	50050	52350	56900	63350	68900	73200	76250	78050	78900	79100	78450	67500
Upper Quartile	32300	34050	35850	37700	39550	41450	43350	45300	47150	50850	55950	60250	63500	65750	67050	67650	67750	67250	56550
Median	30450	31950	33400	34900	36450	37950	39450	40950	42400	45250	49050	52200	54600	56250	57250	57700	57900	57650	46400
Lower Quartile	28750	29900	31100	32300	33500	34700	35850	37000	38100	40200	43000	45300	47100	48300	49100	49550	49750	49800	38100
Lower Decile	27050	28000	29000	29950	30900	31850	32750	33650	34500	36150	38250	39950	41250	42150	42750	43100	43250	43250	32450
Mean	30800	32250	33800	35300	36850	38400	39950	41500	43000	45950	50000	53450	56150	58050	59350	60050	60400	60450	48800
Raw (Unsmoothed) Statistics																			
Upper Decile	33350	35900	39650	41050	43500	46050	48850	51100	53500	57550	62850	66700	71150	75000	78100	79000	79150	80750	67500
Upper Quartile	31700	33500	35750	37650	39750	41850	44150	46100	48300	51650	55450	58800	61600	65100	67600	67300	67750	68800	56550
Median	30300	31350	33350	34950	36350	38400	39950	41300	43250	45450	48650	51700	53450	56300	57250	57750	58050	58200	46400
Lower Quartile	28550	29600	30950	32450	33400	35100	36050	37000	38900	40550	42700	44650	45700	49300	48850	50650	50000	49650	38100
Lower Decile	26800	28200	28700	30250	30800	32100	32550	33650	34550	36500	38050	39450	40800	43100	42250	44050	43050	43050	32450
Mean	30300	31900	33800	35350	36900	38700	40400	41850	43800	46450	49700	52450	54850	58200	59450	60200	60350	61200	48800
Supporting Data																			
Total Number	3076	3515	4006	4635	5017	4529	4747	4649	4922	11423	9690	8899	8522	7161	6218	5975	5390	8772	111149
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	4	8	21	23	34	116	206
Less Than $22000	65	38	45	17	3	22	4	3	4	4	1	1	0	2	0	2	3	2	216

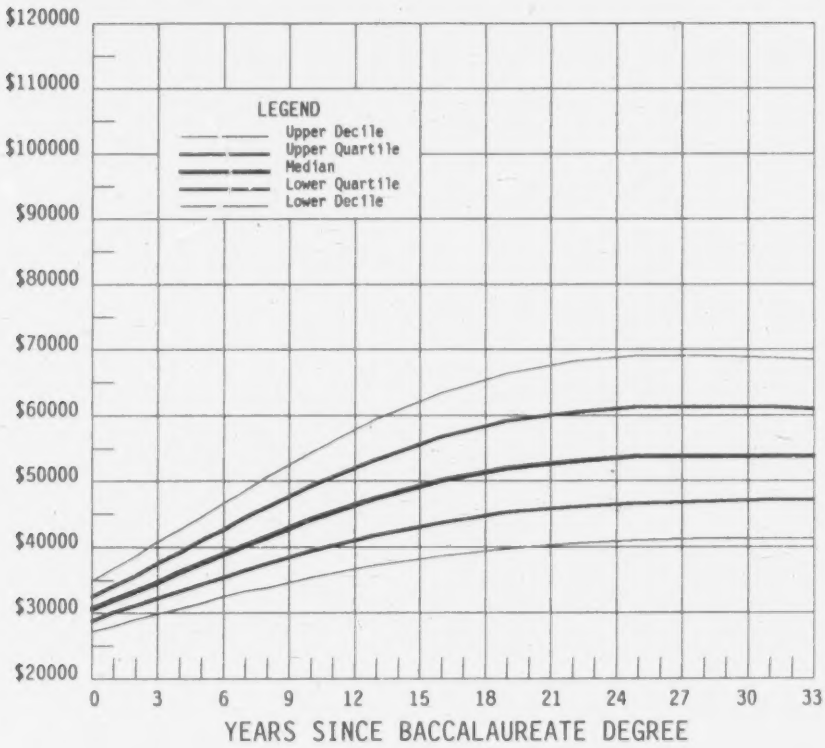
SALARY CURVES FOR ENGINEERS IN ALL INDUSTRIES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52700	54700	56650	58650	60650	64550	70200	75350	79950	83850	87000	89400	91250	93700	82000
Upper Quartile	0	0	0	0	46550	48450	50300	52200	54050	57700	62750	67200	70900	73800	75900	77300	78200	79050	70900
Median	0	0	0	0	40600	42300	44000	45650	47350	50550	55050	58900	62050	64350	65950	66950	67500	67850	60400
Lower Quartile	0	0	0	0	36000	37450	38900	40350	41750	44500	48250	51400	53900	55750	56950	57700	58050	58200	50450
Lower Decile	0	0	0	0	33250	34500	35700	36900	38050	40200	43050	45350	47000	48100	48700	49000	49000	48750	43500
Mean	0	0	0	0	42150	43750	45350	46950	48550	51650	56000	59900	63150	65800	67800	69250	70200	71350	62200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	52800	51750	56100	56800	62950	66600	70800	73300	79250	83600	88750	90450	90450	94050	82000
Upper Quartile	0	0	0	0	46000	46250	49800	50750	56200	59400	63150	65700	70450	73150	76450	79000	78350	79050	70900
Median	0	0	0	0	38350	41700	43850	44200	49850	51950	55300	57950	61050	63350	67750	68250	67650	67700	60400
Lower Quartile	0	0	0	0	34300	37650	39200	37950	44250	45750	48200	50600	52800	55500	57900	59400	58900	57550	50450
Lower Decile	0	0	0	0	32300	34700	33400	36150	40450	41450	43300	44300	45200	49500	47700	51100	51450	47600	43500
Mean	0	0	0	0	40950	42650	44900	45400	50750	53050	56350	58800	62200	65550	68700	70350	70500	71250	62200
Supporting Data																			
Total Number	35	32	121	108	207	305	356	553	542	2124	2489	2982	2892	2798	2171	1991	1802	3081	24577
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	4	7	18	21	33	108	191
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	5

SALARY CURVES FOR ENGINEERS IN ALL INDUSTRIES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34900	36800	38700	40700	42650	44650	46650	48650	50600	54350	59400	63450	66350	68150	69000	69150	68900	67850	59850
Upper Quartile	32450	34100	35800	37550	39250	41000	42700	44400	46100	49250	53450	56800	59200	60600	61300	61400	61200	60350	52150
Median	30600	32000	33400	34800	36250	37650	39000	40350	41700	44150	47450	50050	51900	53100	53750	53950	53900	53450	43300
Lower Quartile	28900	30000	31150	32250	33350	34450	35500	36550	37550	39400	41850	43800	45250	46200	46800	47050	47150	47000	36250
Lower Decile	27150	28100	29000	29900	30750	31600	32450	33250	34000	35450	37300	38750	39850	40600	41050	41300	41400	41350	31550
Mean	30850	32250	33700	35100	36500	37950	39350	40700	42050	44600	47950	50600	52600	53900	54600	54900	54950	54550	44950
Raw (Unsmoothed) Statistics																			
Upper Decile	33300	35850	39300	40750	43150	45600	48300	50200	52100	54850	58500	60750	63350	66400	68750	67950	70000	71350	59850
Upper Quartile	31700	33500	35650	37550	39600	41450	43750	45550	47150	49900	53000	55100	56750	59550	60700	61150	61650	62700	52150
Median	30300	31350	33300	34850	36300	38250	39750	41000	42700	44250	46850	48800	50850	52900	53750	54150	54350	54250	43300
Lower Quartile	28500	29600	30900	32400	33400	34950	35900	36800	38500	39750	41500	42850	43700	46550	46050	48400	47200	47600	36250
Lower Decile	26750	28200	28700	30200	30750	31900	32450	33400	34250	36050	36550	38000	39150	41250	41250	42600	41200	41150	31550
Mean	30200	31800	33600	35200	36700	38400	40050	41400	42950	44950	47400	49300	51050	53500	54450	55150	55250	55800	44950
Supporting Data																			
Total Number	3041	3483	3886	4527	4807	4227	4394	4098	4382	9298	7201	5917	5632	4364	4049	3986	3593	5694	86573
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	1	8	15
Less Than $22000	65	38	43	17	3	22	4	3	4	4	1	1	0	1	0	2	2	2	211

1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33600	35500	37450	39500	41550	43650	45750	47900	50050	54250	60150	65250	69200	72050	73750	74600	74850	74450	62850
Upper Quartile	31950	33550	35200	36900	38600	40300	42050	43750	45450	48750	53250	57050	59950	62000	63300	63950	64150	63950	52750
Median	30300	31650	33000	34400	35750	37100	38500	39800	41100	43600	46950	49750	51900	53400	54350	54850	55100	55050	43100
Lower Quartile	28650	29750	30850	31950	33000	34050	35100	36150	37100	39000	41450	43450	45000	46100	46800	47250	47450	47550	35750
Lower Decile	27050	27900	28800	29650	30500	31350	32150	32900	33700	35100	36950	38450	39650	40500	41050	41450	41650	41800	31250
Mean	30400	31750	33150	34550	36000	37400	38850	40250	41600	44300	47950	51000	53450	55250	56450	57200	57550	57750	45700
Raw (Unsmoothed) Statistics																			
Upper Decile	33200	35350	37500	39550	41000	43700	46250	48950	51100	55100	60450	63550	67200	70600	72200	74150	75650	76500	62850
Upper Quartile	31650	33200	35050	36900	38600	40550	42500	44450	46400	49200	53200	55850	58650	61250	62150	63500	64800	65350	52750
Median	30250	31200	32800	34450	35750	37650	39000	40150	42050	43600	46650	48800	51100	54000	53800	54850	55550	55450	43100
Lower Quartile	28500	29500	30600	32200	32900	34600	35000	36200	38000	39300	41150	42850	43850	47350	45100	48300	47750	47800	35750
Lower Decile	26750	28150	28400	30050	30450	31400	32150	33000	33750	35650	36250	38100	38950	41400	40900	42350	41550	41650	31250
Mean	30150	31500	33000	34650	36000	37650	39050	40600	42400	44700	47850	50100	52300	55400	55350	57200	57850	58700	45700
Supporting Data																			
Total Number	3035	3316	3360	3951	4173	3625	3601	3561	3536	7926	6185	5454	5239	4161	3464	3513	3591	6247	77935
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	6	9	7	21	94	139
Less Than $22000	65	38	45	17	3	22	4	3	2	4	1	1	0	2	0	1	3	2	211

1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	49600	51600	53650	55650	57700	61700	67450	72650	77200	80950	83850	86050	87600	89500	77900
Upper Quartile	0	0	0	0	44800	46550	48250	50000	51700	55000	59650	63750	67200	69900	71950	73400	74300	75350	66700
Median	0	0	0	0	39700	41200	42750	44250	45750	48600	52600	56000	58800	60900	62350	63350	63900	64400	56550
Lower Quartile	0	0	0	0	35300	36700	38050	39400	40700	43250	46600	49400	51550	53000	53900	54400	54550	54400	47650
Lower Decile	0	0	0	0	33000	34150	35200	36300	37300	39250	41800	43800	45300	46300	46950	47250	47350	47200	41550
Mean	0	0	0	0	41000	42500	43950	45450	46900	49700	53700	57300	60300	62750	64650	66050	67050	68250	58850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	50250	49600	52950	52900	60350	63150	69500	70950	75850	79700	83500	87900	88600	89650	77900
Upper Quartile	0	0	0	0	44400	45000	48050	49450	52750	55850	60700	62750	66450	68550	72150	75300	75300	75100	66700
Median	0	0	0	0	37100	41250	42950	43400	48250	49550	52500	55400	58300	59850	62600	64950	64900	64050	56550
Lower Quartile	0	0	0	0	33950	37300	38200	37700	43150	44100	46550	48300	50550	53850	53200	56450	56550	53350	47650
Lower Decile	0	0	0	0	32150	34600	33150	36050	39650	40400	41350	42550	44050	48550	45050	49700	49150	46150	41550
Mean	0	0	0	0	39600	41700	43550	44350	48900	50750	54400	56500	59350	62300	64050	67100	68000	68300	58850
Supporting Data																			
Total Number	34	23	108	99	184	283	302	490	412	1564	1719	1842	1752	1674	1143	1135	1212	2259	16233
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	4	9	7	21	91	135
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	5

1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33800	35550	37350	39150	40950	42800	44600	46400	48200	51600	56150	59800	62450	64100	64950	65200	65050	64200	56000
Upper Quartile	32100	33600	35150	36700	38250	39800	41300	42800	44250	47050	50750	53700	55850	57250	58000	58300	58250	57800	48450
Median	30500	31750	33000	34300	35550	36800	38000	39200	40350	42500	45400	47650	49350	50500	51200	51550	51600	51450	40550
Lower Quartile	28750	29800	30800	31850	32850	33800	34750	35700	36600	38250	40400	42100	43350	44200	44700	44950	45050	44950	34350
Lower Decile	27150	28000	28800	29600	30350	31100	31800	32500	33200	34450	36050	37350	38300	39000	39450	39750	39900	40000	30600
Mean	30500	31750	33050	34350	35650	36900	38200	39400	40600	42850	45800	48200	50000	51200	51900	52200	52300	52100	42200
Raw (Unsmoothed) Statistics																			
Upper Decile	33200	35350	37100	39200	40800	43250	45550	47650	49450	52350	55600	57700	60350	62250	63200	63950	66350	66950	56000
Upper Quartile	31650	33200	34950	36750	38500	40250	42050	43800	45450	47250	50150	52250	54150	55900	57200	58250	58950	59500	48450
Median	30250	31200	32750	34400	35700	37450	38750	39750	41450	42600	44700	46150	48150	50500	50650	52050	52050	52350	40550
Lower Quartile	28500	29450	30550	32150	32850	34400	34850	35800	37450	38650	39850	41250	42300	44200	43350	45950	45100	45750	34350
Lower Decile	26750	28150	28350	30000	30450	31200	32000	32750	33450	34950	35000	36600	37850	39200	39900	41200	39600	39900	30600
Mean	30100	31500	32800	34450	35800	37350	38650	40000	41550	43200	45300	46850	48750	50650	51050	52500	52700	53300	42200
Supporting Data																			
Total Number	3000	3293	3255	3852	3986	3341	3299	3071	3121	6361	4465	3613	3484	2487	2327	2382	2380	3991	61704
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	5
Less Than $22000	65	38	43	17	3	22	4	3	2	4	1	1	0	1	0	0	2	2	206

1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	43500	45400	47400	49350	51350	53350	55350	59300	64850	69800	74000	77300	79750	81450	82550	83700	72000
Upper Quartile	0	0	41450	43000	44550	46100	47600	49150	50700	53650	57750	61450	64550	67100	69050	70500	71500	72750	61200
Median	0	0	38500	39800	41050	42300	43550	44750	45950	48250	51400	54150	56400	58200	59550	60550	61250	62050	51900
Lower Quartile	0	0	35000	36100	37200	38250	39300	40350	41350	43250	45800	47950	49700	51050	52000	52700	53150	53600	44150
Lower Decile	0	0	32650	33500	34350	35200	36050	36850	37600	39050	41050	42750	44150	45250	46050	46700	47100	47650	38850
Mean	0	0	38350	39700	41050	42400	43700	45000	46300	48800	52300	55400	58000	60150	61800	63000	63900	65000	54100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42400	45300	48050	48950	51800	53250	56100	60400	63750	69050	73450	77200	81500	81150	81200	84800	72000
Upper Quartile	0	0	40200	42650	44750	46100	48350	49750	51350	54150	57250	60800	63900	67100	70000	69950	70650	74050	61200
Median	0	0	38200	39550	41100	42100	43800	44600	46250	48900	51000	54350	55450	58500	60050	59550	60950	63100	51900
Lower Quartile	0	0	34500	35800	37250	38200	39650	40600	41750	43750	45250	47900	49100	50650	52750	52500	53900	53650	44150
Lower Decile	0	0	32350	32750	34200	35050	36300	37750	38100	39550	40950	42150	43050	45400	46900	47050	47200	47700	38850
Mean	0	0	37850	39400	41200	42250	44000	45200	46550	49550	51750	55100	57350	60300	62650	62500	63700	65650	54100
Supporting Data																			
Total Number	35	196	641	675	821	841	1048	967	1165	2849	2530	2642	2456	2144	1933	1833	1374	1961	26105
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	9	13	11	14	51
Less Than $22000	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	1	0	0	5

1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	63200	63750	64450	65300	66200	68250	71950	76200	80700	85250	89600	93400	96500	100650	84500
Upper Quartile	0	0	0	0	60100	60400	60800	61300	61900	63350	66000	69050	72200	75250	78050	80350	82100	84200	74150
Median	0	0	0	0	54450	54850	55350	55850	56400	57600	59650	61900	64200	66500	68700	70600	72150	74400	64950
Lower Quartile	0	0	0	0	48550	49000	49450	49950	50500	51550	53350	55200	57150	59050	60850	62500	63900	66100	57000
Lower Decile	0	0	0	0	46350	46100	45950	45850	45850	46050	46750	47900	49350	51050	52900	54800	56600	60050	49800
Mean	0	0	0	0	54000	54450	54950	55550	56150	57550	59900	62550	65300	68100	70700	73050	75000	77850	67000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	62800	66800	62400	63050	65250	70100	71650	74500	81300	86900	92400	89900	92450	103450	84500
Upper Quartile	0	0	0	0	59500	63000	58000	60250	61950	64650	65550	68150	72400	75750	79100	80300	80450	84400	74150
Median	0	0	0	0	50400	56000	53750	54750	57550	58700	60250	60200	64350	67150	69700	70750	70750	74500	64950
Lower Quartile	0	0	0	0	46250	47750	45950	49100	51450	52600	53950	55100	55950	58800	62100	62200	63350	66600	57000
Lower Decile	0	0	0	0	41750	45200	42200	39600	44950	48300	48450	48700	46850	49750	54200	54650	57850	60450	49800
Mean	0	0	0	0	51800	54800	52750	53750	56350	59150	59950	61550	65050	68500	71900	72450	74250	78200	67000
Supporting Data																			
Total Number	1	7	13	11	25	22	54	61	119	513	601	953	889	818	724	648	462	655	6576
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	7	11	10	12	44
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44000	45450	46900	48400	49850	51250	52700	55400	59200	62600	65450	67850	69700	71100	72100	73450	62950
Upper Quartile	0	0	41750	43050	44300	45600	46850	48050	49250	51500	54550	57150	59300	60950	62200	63100	63700	64400	55400
Median	0	0	38700	39800	40900	42000	43050	44100	45050	46950	49450	51600	53250	54550	55500	56100	56550	57000	48750
Lower Quartile	0	0	35250	36200	37150	38050	38950	39800	40650	42250	44400	46150	47600	48700	49550	50150	50550	51000	42250
Lower Decile	0	0	32800	33550	34300	35050	35750	36450	37100	38350	39950	41350	42400	43250	43900	44350	44650	45000	37700
Mean	0	0	38500	39600	40750	41850	42950	44000	45000	47000	49650	51950	53850	55350	56500	57350	57950	58700	49750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42150	44950	47250	48650	50900	52400	53850	55550	58900	62100	64000	66800	70700	70350	72350	75200	62950
Upper Quartile	0	0	40100	42500	44400	45900	48000	49050	49950	52050	53850	56600	58000	61000	62750	62150	63600	66100	55400
Median	0	0	38150	39500	40900	41900	43550	44150	45650	47400	48950	51300	52850	54650	55600	55250	57350	57550	48750
Lower Quartile	0	0	34450	35750	37100	38150	39400	40400	41250	42850	44000	45200	46800	48500	50200	50700	50950	51050	42250
Lower Decile	0	0	32350	32700	34150	35050	36150	37600	37750	38700	39800	40400	41550	43150	44100	45650	44450	45100	37700
Mean	0	0	37550	39250	40850	41900	43550	44600	45450	47450	49200	51500	53000	55200	57150	57050	58300	59300	49750
Supporting Data																			
Total Number	34	191	628	666	795	819	995	906	1046	2336	1930	1690	1567	1324	1207	1185	911	1302	19529
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	2	7
Less Than $22000	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	1	0	0	5

1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	55800	56700	57800	59050	61950	67000	72350	77550	82150	85850	88550	90250	91700	80150
Upper Quartile	0	0	0	0	0	53100	53850	54700	55650	57850	61650	65700	69600	73150	76000	78150	79550	80850	70550
Median	0	0	0	0	0	50150	50650	51250	51900	53500	56250	59200	62100	64750	66950	68650	69850	71000	60650
Lower Quartile	0	0	0	0	0	46450	46900	47400	47950	49200	51400	53700	55900	57850	59500	60750	61600	62400	53850
Lower Decile	0	0	0	0	0	43150	43150	43250	43550	44350	46100	48100	50100	51950	53450	54550	55300	55950	48350
Mean	0	0	0	0	0	49850	50400	51100	51850	53600	56650	59950	63250	66200	68750	70700	72050	73350	63050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	56000	56850	58850	58900	61350	67300	71800	78400	82550	85850	88650	88100	92050	80150
Upper Quartile	0	0	0	0	0	53150	54200	54850	55200	57900	61750	64900	70650	73150	76200	77500	78500	81550	70550
Median	0	0	0	0	0	48900	51150	51800	51550	54150	55850	58700	61500	66050	68600	67500	68300	70900	60650
Lower Quartile	0	0	0	0	0	45500	48050	48800	46300	50150	50350	54200	56000	58750	59650	60350	59500	63200	53850
Lower Decile	0	0	0	0	0	44000	44850	44700	40150	45400	45150	49150	50500	52250	52150	56400	53300	56250	48350
Mean	0	0	0	0	0	49600	51000	51700	50800	54150	56250	59800	63300	67000	69100	70500	70250	73700	63050
Supporting Data																			
Total Number	7	0	4	9	26	70	99	122	224	650	977	805	828	852	819	624	430	565	7111
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	8	16
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, SUPERVISORY, PHD

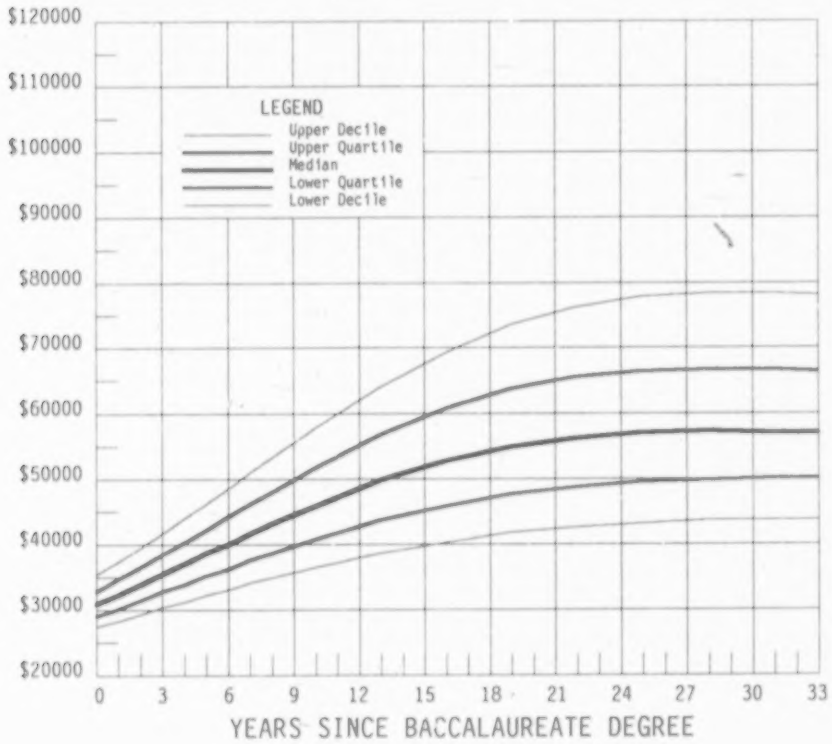
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	75350	76700	79850	84150	88950	93850	98250	101850	106350	91350
Upper Quartile	0	0	0	0	0	0	0	0	0	66950	70000	73500	77150	80700	83800	86300	88150	90150	81500
Median	0	0	0	0	0	0	0	0	0	60550	64500	68050	71250	73950	76200	77950	79250	80800	73400
Lower Quartile	0	0	0	0	0	0	0	0	0	55400	58500	61800	65000	67800	70100	71800	72950	73950	66050
Lower Decile	0	0	0	0	0	0	0	0	0	47850	50550	54200	57950	61250	63700	65350	66250	66900	58700
Mean	0	0	0	0	0	0	0	0	0	60750	64150	67850	71550	75050	78100	80500	82300	84200	74900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	81000	74350	78150	86450	89050	95800	98050	96600	107950	91350
Upper Quartile	0	0	0	0	0	0	0	0	0	69000	68900	73000	78250	80400	83900	87950	86750	90150	81500
Median	0	0	0	0	0	0	0	0	0	61800	63450	68500	72250	73200	75700	79000	79350	81400	73400
Lower Quartile	0	0	0	0	0	0	0	0	0	56750	58000	61100	64600	68750	71200	72350	72200	72550	66050
Lower Decile	0	0	0	0	0	0	0	0	0	50900	48350	54750	57950	63100	65400	64350	64400	64950	58700
Mean	0	0	0	0	0	0	0	0	0	63350	62800	67450	72250	75200	78750	81250	81150	83800	74900
Supporting Data																			
Total Number	0	0	0	0	0	2	1	0	8	46	170	189	247	302	304	211	127	166	1771
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	5	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ALL INDUSTRIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	56350	56900	57600	58450	60350	63750	67450	71100	74500	77400	79600	81150	82650	72800
Upper Quartile	0	0	0	0	0	53750	54150	54700	55300	56800	59450	62300	65100	67650	69800	71450	72600	73700	64600
Median	0	0	0	0	0	50200	50700	51250	51850	53100	55200	57300	59350	61150	62650	63850	64700	65600	57800
Lower Quartile	0	0	0	0	0	46550	46950	47450	47950	49050	50750	52450	54100	55500	56700	57600	58250	58950	52250
Lower Decile	0	0	0	0	0	43400	43450	43550	43650	44100	44950	46550	48250	49850	51200	52200	52850	53450	47100
Mean	0	0	0	0	0	50200	50550	51000	51500	52750	55000	57500	59900	62100	63950	65350	66300	67250	59150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	55500	56850	58850	58450	59800	64550	66600	71700	74050	77950	76600	81950	86050	72800
Upper Quartile	0	0	0	0	0	52750	54200	54850	54950	57350	59450	61800	64700	67650	71300	69650	72750	75600	64600
Median	0	0	0	0	0	48650	51150	51800	51300	53750	54900	57300	58750	61850	62600	63450	63950	67550	57800
Lower Quartile	0	0	0	0	0	45450	48050	48800	45900	49900	50100	53400	53950	55350	55550	58500	57300	61000	52250
Lower Decile	0	0	0	0	0	43900	44850	44700	40050	45200	44400	47700	46500	50400	50350	54750	51850	54100	47100
Mean	0	0	0	0	0	49200	51000	51700	50400	53400	54850	57500	59500	62500	63550	65000	65900	69400	59150
Supporting Data																			
Total Number	7	0	4	9	26	68	99	122	215	605	805	618	582	551	518	415	303	400	5341
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

ALL INDUSTRY
CURVES AND TABLES,
BY SIZE OF EMPLOYERS

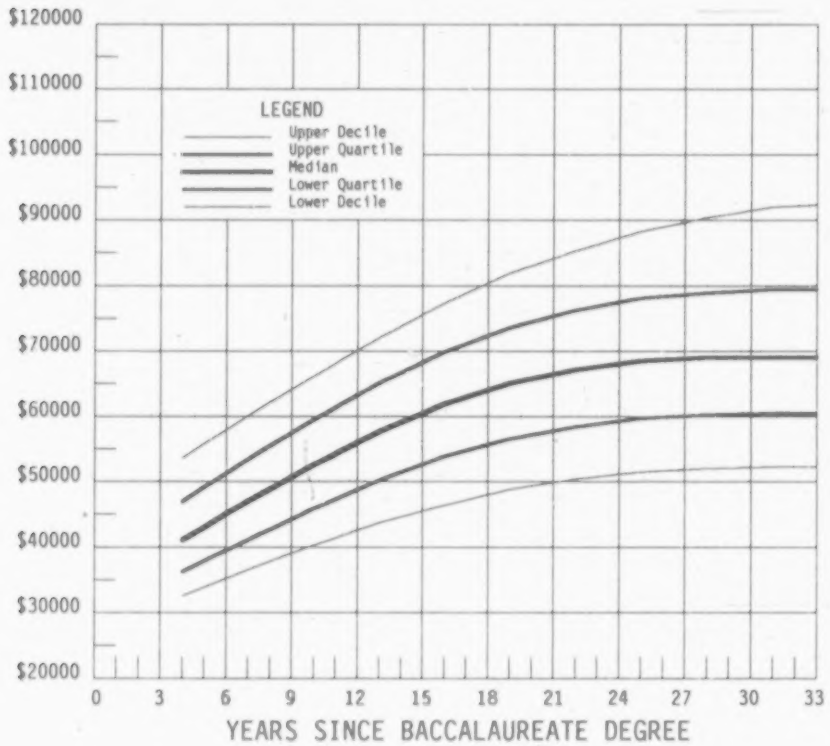
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35350	37400	39500	41700	43950	46200	48550	50850	53200	57750	64100	69450	73550	76300	77800	78400	78350	77400	67150
Upper Quartile	32850	34650	36500	38350	40300	42200	44150	46100	48000	51700	56700	60750	63700	65600	66500	66750	66600	65600	56650
Median	30850	32350	33900	35450	37000	38550	40100	41650	43150	46000	49750	52750	54950	56300	57000	57200	57100	56500	47150
Lower Quartile	29000	30250	31450	32700	33950	35150	36350	37500	38650	40800	43650	45950	47700	48900	49600	49950	50100	49950	38900
Lower Decile	27400	28350	29350	30300	31300	32200	33150	34050	34900	36550	38700	40400	41750	42700	43300	43650	43850	43900	32900
Mean	31250	32800	34300	35900	37450	39050	40600	42200	43700	46650	50650	53950	56500	58200	59250	59800	59950	59700	49200
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33650	37300	39950	41900	44050	46450	49650	51850	54400	58450	63150	67450	71450	75350	78450	78450	78950	79050	67150
Upper Quartile	32150	34050	36350	38250	40400	42650	45100	46800	49300	52400	56150	59350	61550	65200	66850	66150	67250	67100	56650
Median	30700	31800	33550	35350	37050	38850	40650	42200	43950	46300	49400	52300	53700	56150	57050	56750	57500	57350	47150
Lower Quartile	29100	30150	31100	32550	33650	35150	36800	37800	39550	41150	43350	45250	46750	49400	49750	50350	50200	50050	38900
Lower Decile	28000	28500	28800	30350	30950	32000	33150	34200	35200	36750	38250	40400	41850	43200	43100	43850	43750	43750	32900
Mean	31000	32600	34100	35800	37350	39100	41150	42600	44600	47100	50250	53150	55300	58250	59750	59700	60100	60250	49200
---------- Supporting Data ----------																			
Total Number	1734	1750	2299	2795	3047	2677	2888	2937	3052	7006	5573	4921	5104	4147	3750	3823	3393	5007	65899
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	3	5	16	17	16	46	103
Less Than $22000	3	5	11	3	1	9	2	2	4	2	1	1	0	1	0	2	3	2	50

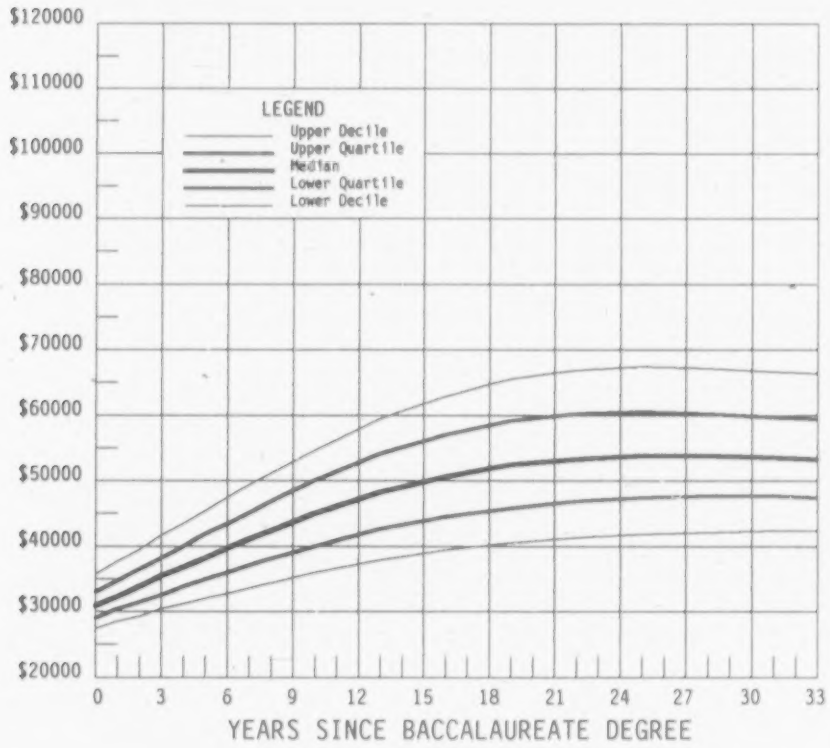
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	53650	55750	57850	59950	62050	66150	72000	77250	81750	85450	88300	90400	91900	93700	83200
Upper Quartile	0	0	0	0	47000	49100	51250	53350	55450	59500	65150	69950	73700	76350	78100	79000	79400	79300	72550
Median	0	0	0	0	41150	43050	45000	46900	48800	52450	57500	61750	64950	67150	68450	69050	69150	68650	62450
Lower Quartile	0	0	0	0	36200	37800	39450	41100	42700	45800	50100	53750	56500	58500	59700	60300	60500	60250	52500
Lower Decile	0	0	0	0	32550	33900	35200	36500	37800	40300	43650	46500	48700	50300	51350	51900	52200	52200	44250
Mean	0	0	0	0	42250	44050	45850	47650	49450	52950	57850	62150	65600	68200	70000	71150	71800	72250	63800
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	54800	54900	56700	58400	62800	67650	71900	75750	80450	85600	91050	92350	90550	93200	83200
Upper Quartile	0	0	0	0	45850	46800	51050	51900	56450	61400	65400	68850	72900	75350	78900	79600	79250	79950	72550
Median	0	0	0	0	40000	43000	43950	45750	49900	53400	58100	60900	64200	66750	69150	69000	69200	69150	62450
Lower Quartile	0	0	0	0	34300	38350	40350	39350	43850	46300	50400	53250	55800	58200	60650	60500	60300	60500	52500
Lower Decile	0	0	0	0	29150	34650	35650	34400	40200	41350	44150	45000	47400	50600	52000	52850	53150	51650	44250
Mean	0	0	0	0	41000	43750	45750	46050	50600	54050	58150	61100	64900	67800	71200	71700	71400	72550	63800
---------- Supporting Data ----------																			
Total Number	16	15	30	56	104	149	218	323	387	1265	1327	1402	1479	1398	1208	1173	1068	1459	13071
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	4	15	17	15	43	97
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1

SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35750	37600	39550	41500	43450	45400	47350	49300	51150	54750	59400	63050	65500	66850	67350	67250	66800	65450	59450
Upper Quartile	33000	34700	36450	38200	39950	41750	43500	45200	46850	50000	54050	57100	59100	60150	60450	60250	59800	58500	52700
Median	30950	32400	33900	35350	36800	38250	39700	41100	42450	45000	48250	50750	52450	53450	53850	53850	53600	52850	44400
Lower Quartile	29150	30350	31500	32650	33800	34950	36050	37100	38150	40100	42600	44550	46000	46900	47400	47650	47650	47400	37250
Lower Decile	27550	28450	29400	30300	31200	32050	32900	33700	34500	36000	37900	39450	40600	41400	41950	42200	42350	42400	32100
Mean	31450	32850	34300	35750	37150	38600	40000	41350	42700	45200	48450	51000	52750	53900	54400	54550	54450	53900	45550
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33600	37100	39850	41650	43800	46150	49150	51100	52850	55350	58350	60550	62350	65050	66900	66350	68000	68950	59450
Upper Quartile	32100	34000	36250	38100	40250	42350	44650	46200	48200	50800	53400	55500	56450	58950	59800	59800	60500	61050	52700
Median	30700	31800	33500	35300	37000	38700	40400	41950	43400	45200	47500	49950	51350	52950	53850	53700	53900	54050	44400
Lower Quartile	29100	30150	31050	32550	33650	35000	36600	37700	39050	40400	42150	43850	44950	46900	47150	48100	47850	48050	37250
Lower Decile	28000	28500	28750	30350	31000	31850	33000	34200	34800	36200	37150	39250	41000	41700	41950	42450	42300	42350	32100
Mean	30900	32500	34000	35700	37250	38850	40750	42150	43750	45550	47800	50000	51350	53350	54300	54400	54900	55250	45550
---------- Supporting Data ----------																			
Total Number	1720	1738	2270	2739	2943	2528	2673	2616	2670	5740	4243	3519	3623	2747	2544	2650	2327	3548	52824
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	6
Less Than $22000	3	5	11	3	1	9	2	2	4	2	1	1	0	1	0	2	2	2	49

1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33800	35700	37700	39750	41850	43950	46150	48300	50450	54700	60650	65650	69550	72150	73650	74300	74350	73600	62850
Upper Quartile	32200	33850	35550	37250	39000	40750	42500	44200	45950	49250	53700	57400	60150	61950	63000	63400	63450	62900	53150
Median	30650	32000	33350	34750	36150	37500	38850	40200	41500	44000	47300	50050	52100	53500	54350	54800	54950	54750	43600
Lower Quartile	28950	30050	31150	32200	33300	34350	35350	36400	37350	39250	41750	43800	45450	46600	47450	47950	48250	48450	36250
Lower Decile	27450	28300	29150	29950	30750	31550	32350	33100	33850	35250	37100	38700	40000	41000	41750	42250	42600	43050	31600
Mean	30750	32150	33550	34950	36400	37800	39250	40650	42000	44650	48250	51300	53700	55400	56550	57200	57500	57600	46100
Raw (Unsmoothed) Statistics																			
Upper Decile	33550	35800	37550	39650	41200	43850	46300	49250	51550	55700	60850	64700	67750	70500	72800	72300	75500	75650	62850
Upper Quartile	32050	33700	35100	37150	39150	40900	42850	44650	46650	49550	53950	56850	58750	61300	62350	62250	63850	64300	53150
Median	30650	31600	32900	34700	36200	37750	39350	40950	42450	44050	46800	49350	51450	53500	54100	54350	55300	55400	43600
Lower Quartile	29100	30050	30650	32200	33000	34250	35650	36650	38250	39550	41500	43200	44800	47150	46700	48150	48550	48650	36250
Lower Decile	28000	28450	28450	30150	30500	31250	32350	33200	34050	35450	36450	38500	40700	41500	41750	42500	42700	42550	31600
Mean	30900	32100	33100	34800	36200	37800	39400	41000	42750	45050	48150	50850	52950	55250	56200	56700	57700	58300	46100
Supporting Data																			
Total Number	1711	1626	1917	2324	2468	2056	2116	2158	2118	4597	3462	2888	3071	2299	2077	2338	2240	3532	44998
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	3	8	7	7	33	60
Less Than $22000	3	5	11	3	1	9	2	1	2	2	1	1	0	1	0	0	3	2	45

1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	49250	51500	53750	56050	58350	62900	69350	75050	79850	83500	86150	87850	88900	89700	79100
Upper Quartile	0	0	0	0	44800	46750	48700	50600	52550	56300	61500	66000	69600	72250	74050	75100	75650	75900	68100
Median	0	0	0	0	39900	41650	43350	45000	46700	49950	54350	58100	61000	63100	64400	65150	65450	65400	58250
Lower Quartile	0	0	0	0	35900	37250	38650	40000	41300	43850	47350	50350	52700	54500	55700	56450	56900	57200	48750
Lower Decile	0	0	0	0	32100	33300	34500	35700	36850	39100	42100	44550	46450	47800	48650	49150	49350	49350	41900
Mean	0	0	0	0	40700	42350	44050	45750	47400	50650	55200	59150	62350	64800	66550	67650	68350	68900	60050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	47200	52400	52800	54250	59100	64500	70050	74150	77900	82550	86900	89900	88050	91450	79100
Upper Quartile	0	0	0	0	43550	46000	48450	50100	52650	57350	62200	65300	68950	70650	74300	75850	75950	77300	68100
Median	0	0	0	0	38350	42350	43050	43600	48300	50150	54900	58100	60500	62300	64400	64600	65850	66850	58250
Lower Quartile	0	0	0	0	33450	37900	39600	38100	42900	44500	47750	49250	52150	53900	56950	56750	57250	57850	48750
Lower Decile	0	0	0	0	28900	34200	34700	33850	39350	40150	42500	42500	45500	48200	49800	49150	50750	49450	41900
Mean	0	0	0	0	38700	42600	44250	44400	48450	51450	55650	58400	61650	63900	67550	67650	68300	70250	60050
Supporting Data																			
Total Number	16	8	23	48	87	136	185	276	303	935	920	855	910	767	632	674	698	1035	8493
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	3	8	6	7	31	58
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1

1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34100	35850	37650	39450	41250	43100	44900	46650	48400	51750	56100	59550	62000	63450	64100	64150	63900	62900	56350
Upper Quartile	32450	34000	35550	37100	38650	40200	41700	43200	44650	47400	51000	53850	55850	57100	57700	57850	57750	57100	49350
Median	30800	32050	33350	34650	35900	37150	38400	39600	40750	42950	45850	48150	49850	51000	51650	51950	52000	51800	41450
Lower Quartile	29100	30100	31150	32150	33100	34100	35050	35950	36850	38500	40700	42500	43850	44850	45500	45900	46100	46250	34900
Lower Decile	27650	28400	29150	29900	30600	31300	32000	32700	33350	34600	36250	37650	38850	39750	40500	41000	41400	41850	31000
Mean	30950	32200	33500	34800	36050	37300	38550	39750	40900	43150	46050	48400	50150	51350	52050	52400	52550	52400	42850
Raw (Unsmoothed) Statistics																			
Upper Decile	33500	35800	37450	39500	40950	43450	45650	47900	49600	52400	55750	58250	59650	61850	62600	62900	64700	65450	56350
Upper Quartile	32000	33700	35050	37100	39100	40550	42450	44000	45600	47750	50150	52950	54400	56000	56400	57150	58450	58900	49350
Median	30650	31600	32850	34650	36200	37500	39050	40550	41800	43000	44950	46950	49050	51050	51050	52050	52250	52650	41450
Lower Quartile	29100	30050	30600	32200	33000	34100	35450	36500	37600	38800	40100	42100	43250	44950	44100	46150	46400	46900	34900
Lower Decile	28000	28400	28400	30150	30550	31100	32200	33050	33700	34700	35350	37450	39150	39950	40900	41600	41600	41350	31000
Mean	30800	32100	33050	34750	36100	37450	38950	40500	41800	43450	45450	47650	49250	50900	51200	52200	53000	53350	42850
Supporting Data																			
Total Number	1696	1620	1894	2276	2384	1921	1931	1884	1813	3662	2541	2032	2159	1536	1448	1666	1546	2499	36506
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3
Less Than $22000	3	5	11	3	1	9	2	1	2	2	1	1	0	1	0	0	2	2	44

1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44000	45950	47950	49950	51950	53950	55950	59800	65250	70000	73850	76850	78950	80300	81100	81800	70850
Upper Quartile	0	0	42000	43550	45100	46650	48200	49700	51150	54000	57950	61300	64100	66250	67800	68900	69600	70350	60000
Median	0	0	39750	41000	42200	43400	44600	45750	46850	48950	51750	54100	56000	57400	58400	59100	59500	59950	51600
Lower Quartile	0	0	36650	37650	38650	39650	40600	41500	42400	44050	46250	48100	49600	50750	51650	52250	52650	53000	44400
Lower Decile	0	0	33600	34500	35350	36200	37050	37850	38600	40000	41850	43300	44400	45150	45650	45950	46100	46150	39650
Mean	0	0	39400	40700	42050	43350	44650	45900	47150	49500	52750	55550	57800	59600	60950	61850	62500	63200	53750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42950	45950	48500	48850	52350	54000	57250	60950	64000	68800	72900	77000	80950	80550	80900	82050	70850
Upper Quartile	0	0	40500	43200	45600	46250	49250	50600	52200	54400	56900	60450	62850	66950	69000	69300	70350	70050	60000
Median	0	0	39050	40700	42450	42950	45300	45800	47650	49350	51100	53800	54950	58050	58950	59200	60000	59900	51600
Lower Quartile	0	0	36650	37700	38500	39250	40750	41700	42950	44100	45950	47950	49400	50750	52400	52650	53000	52400	44400
Lower Decile	0	0	33600	33550	34950	36000	37650	38600	39200	40450	41600	42700	43700	44650	46000	47100	46550	45950	39650
Mean	0	0	39050	40400	42200	42800	45100	46200	47850	49900	52000	55000	57050	60000	62050	62300	63000	62700	53750
Supporting Data																			
Total Number	22	122	379	464	567	572	697	684	787	1914	1543	1486	1480	1342	1181	1108	891	1120	16353
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	7	8	8	31
Less Than $22000	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	1	0	0	5

1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	60700	62050	63500	64950	66450	69600	74400	79100	83500	87300	90400	92750	94350	95900	85900
Upper Quartile	0	0	0	0	58800	59750	60800	61800	62900	65050	68400	71600	74600	77200	79350	81050	82200	83450	75550
Median	0	0	0	0	54200	55250	56350	57350	58400	60350	63100	65500	67600	69350	70750	71800	72550	73400	66800
Lower Quartile	0	0	0	0	49400	50450	51450	52450	53350	55100	57400	59300	60800	62000	62950	63600	64100	64700	60050
Lower Decile	0	0	0	0	45400	46100	46850	47550	48250	49550	51350	52950	54350	55600	56600	57400	58050	59050	53600
Mean	0	0	0	0	53650	54700	55700	56750	57800	59900	62950	65850	68500	70800	72700	74200	75300	76550	69050
Raw (Unsmoothed) Statistic																			
Upper Decile	0	0	0	0	63050	63600	61600	63100	66350	70600	73750	77800	84200	87550	92850	93850	93800	94450	85900
Upper Quartile	0	0	0	0	60400	60000	58450	60850	63200	66000	67900	70600	75150	77100	81050	80950	82250	83650	75550
Median	0	0	0	0	51500	56000	55200	56850	60000	61550	62800	63650	67900	69800	71500	72550	72600	73550	66800
Lower Quartile	0	0	0	0	45500	47000	52250	51200	56000	56250	57500	57750	60300	62550	63250	64100	64850	65050	60050
Lower Decile	0	0	0	0	41300	45200	46550	47550	48500	50800	51900	51500	54250	56400	55350	57700	59450	59800	53600
Mean	0	0	0	0	52250	54750	54900	55750	58700	60950	62900	64450	68550	71050	73250	74850	76100	76550	69050
Supporting Data																			
Total Number	0	6	7	10	22	12	34	49	80	297	321	421	419	464	401	365	282	330	3514
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	7	7	7	28
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44750	46100	47450	48800	50150	51400	52700	55100	58350	61200	63550	65400	66800	67850	68550	69450	60900
Upper Quartile	0	0	42550	43800	45050	46250	47400	48550	49650	51750	54450	56650	58400	59650	60500	61050	61350	61600	54800
Median	0	0	39900	41000	42050	43050	44050	45050	45950	47700	49950	51750	53100	54100	54800	55200	55450	55600	48950
Lower Quartile	0	0	36850	37750	38600	39450	40250	41050	41800	43200	45050	46550	47700	48600	49250	49700	50000	50300	42900
Lower Decile	0	0	33550	34400	35250	36050	36850	37550	38250	39550	41100	42250	43100	43600	43850	43950	43950	43750	38800
Mean	0	0	39600	40700	41750	42800	43800	44800	45750	47550	49900	51850	53400	54550	55400	55950	56300	56700	49600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42450	45450	47800	48650	51600	52700	54450	55450	57450	60150	62300	64350	67600	67750	70200	70300	60900
Upper Quartile	0	0	40400	43050	45350	46100	48850	49800	51100	52300	53450	55850	56800	59100	60750	61250	62200	62550	54800
Median	0	0	39000	40550	42250	42800	44850	45200	46950	48000	49350	51400	52500	53750	55250	55100	56100	55950	48950
Lower Quartile	0	0	36600	37600	38350	39150	40550	41450	42500	43400	44750	46150	47200	48050	50000	50500	50150	50150	42900
Lower Decile	0	0	33550	33450	34850	35950	37450	38450	38900	39800	40800	41700	42650	42950	44100	44700	44300	43850	38800
Mean	0	0	38650	40150	41800	42550	44650	45450	46700	47900	49150	51400	52500	54200	56200	56100	56900	56950	49600
Supporting Data																			
Total Number	22	117	372	455	545	561	664	638	709	1616	1220	1067	1062	880	778	743	607	787	12840
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
Less Than $22000	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	1	0	0	5

1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	56850	57650	58650	59850	62650	67600	72850	77850	82200	85550	87900	89300	90400	79850
Upper Quartile	0	0	0	0	0	54250	54750	55500	56350	58450	62150	66150	70050	73450	76150	78100	79300	80350	70250
Median	0	0	0	0	0	51700	52150	52650	53300	54700	57150	59800	62350	64600	66500	67950	68950	69900	60300
Lower Quartile	0	0	0	0	0	48100	48750	49400	50050	51350	53300	55100	56700	58100	59200	60050	60650	61250	54550
Lower Decile	0	0	0	0	0	45300	45900	46550	47150	48350	49900	51300	52350	53150	53750	54100	54300	54450	50450
Mean	0	0	0	0	0	51400	52000	52700	53450	55200	58100	61200	64100	66600	68650	70150	71150	72000	63400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	57800	57400	59900	59500	61750	68300	72600	78050	82800	86300	88500	88250	89850	79850
Upper Quartile	0	0	0	0	0	54350	54800	55400	56500	58350	62450	65050	70600	74300	76500	78550	79000	79950	70250
Median	0	0	0	0	0	51000	52150	52600	53300	55000	57450	59000	61600	65650	66900	68650	69500	69400	60300
Lower Quartile	0	0	0	0	0	46650	49700	49350	49900	51600	53450	54800	56100	58550	59250	61000	60350	61600	54550
Lower Decile	0	0	0	0	0	44050	47500	47200	46100	48400	50150	50700	52500	53550	53800	54950	53200	54900	50450
Mean	0	0	0	0	0	50800	52300	52750	53200	55350	58500	60400	63650	67250	69150	71000	70500	72250	63400
Supporting Data																			
Total Number	1	0	4	9	14	52	78	92	146	496	571	552	552	505	490	374	262	358	4551
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	5	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

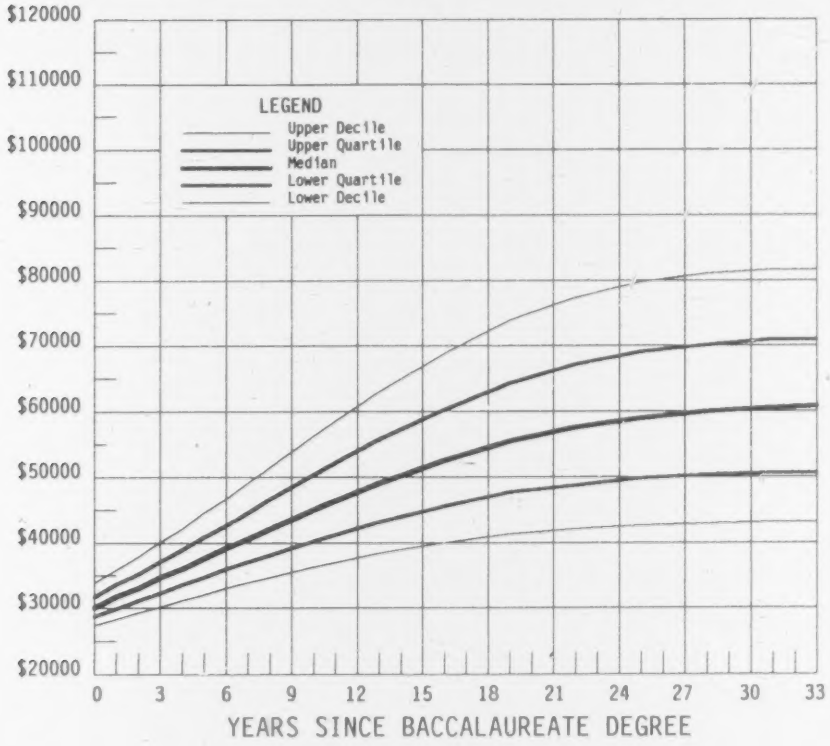
1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	78150	79850	80100	83600	88350	93300	97850	101450	105650	90650
Upper Quartile	0	0	0	0	0	0	0	0	0	71600	72700	75100	78150	81300	84200	86500	88150	89800	82050
Median	0	0	0	0	0	0	0	0	0	63250	66900	70150	73000	75350	77250	78650	79600	80600	74700
Lower Quartile	0	0	0	0	0	0	0	0	0	59100	62200	65100	67650	69800	71400	72600	73350	74000	68350
Lower Decile	0	0	0	0	0	0	0	0	0	55200	57350	59850	62200	64250	65800	66850	67500	68000	62450
Mean	0	0	0	0	0	0	0	0	0	65800	67500	70150	73300	76400	79200	81400	83000	84550	76550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	84750	75850	78650	84400	88600	96900	97900	95500	106450	90650
Upper Quartile	0	0	0	0	0	0	0	0	0	73800	71700	74100	78400	82100	85150	87950	86500	88200	82050
Median	0	0	0	0	0	0	0	0	0	63700	66950	69350	73650	75300	77000	79900	79450	80300	74700
Lower Quartile	0	0	0	0	0	0	0	0	0	59000	63200	63350	68500	70050	71300	73750	73900	72650	68350
Lower Decile	0	0	0	0	0	0	0	0	0	55100	59000	56500	64600	64800	65250	68500	68350	65400	62450
Mean	0	0	0	0	0	0	0	0	0	67000	67300	68700	74200	76700	79650	82900	81700	83550	76550
Supporting Data																			
Total Number	0	0	0	0	0	2	1	0	2	31	85	130	154	174	174	135	87	92	1066
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	4	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	57650	57850	58250	58800	60300	63250	66750	70400	73800	76750	79050	80650	82250	71650
Upper Quartile	0	0	0	0	0	55000	55300	55700	56150	57300	59450	61850	64350	66750	68900	70650	72000	73600	63500
Median	0	0	0	0	0	51850	52300	52750	53250	54300	56000	57700	59350	60850	62150	63200	63950	64800	57750
Lower Quartile	0	0	0	0	0	48250	48850	49450	50050	51150	52650	53950	55000	55900	56600	57200	57650	58250	53350
Lower Decile	0	0	0	0	0	45350	46000	46600	47150	48150	49400	50400	51100	51650	51950	52150	52300	52350	49500
Mean	0	0	0	0	0	51650	52100	52600	53150	54350	56350	58350	60300	62050	63550	64650	65500	66350	59350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	56000	57400	59900	59150	59950	64200	65600	70500	74200	76750	76450	79800	86200	71650
Upper Quartile	0	0	0	0	0	53950	54800	55400	56150	57850	59850	61350	63550	67300	68600	69700	71700	76100	63500
Median	0	0	0	0	0	50750	52150	52600	53200	54650	56400	57500	58400	61200	61950	63250	63850	66250	57750
Lower Quartile	0	0	0	0	0	46500	49700	49350	49800	51350	52950	53900	54600	55950	56450	57800	55900	59800	53350
Lower Decile	0	0	0	0	0	44000	47500	47200	46050	48250	49800	49700	51150	51950	52050	52750	51100	53150	49500
Mean	0	0	0	0	0	50350	52300	52750	52950	54550	56950	57750	59700	62400	63400	64350	64850	68350	59350
Supporting Data																			
Total Number	1	0	4	9	14	50	78	92	143	463	485	422	400	334	316	239	174	266	3487
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

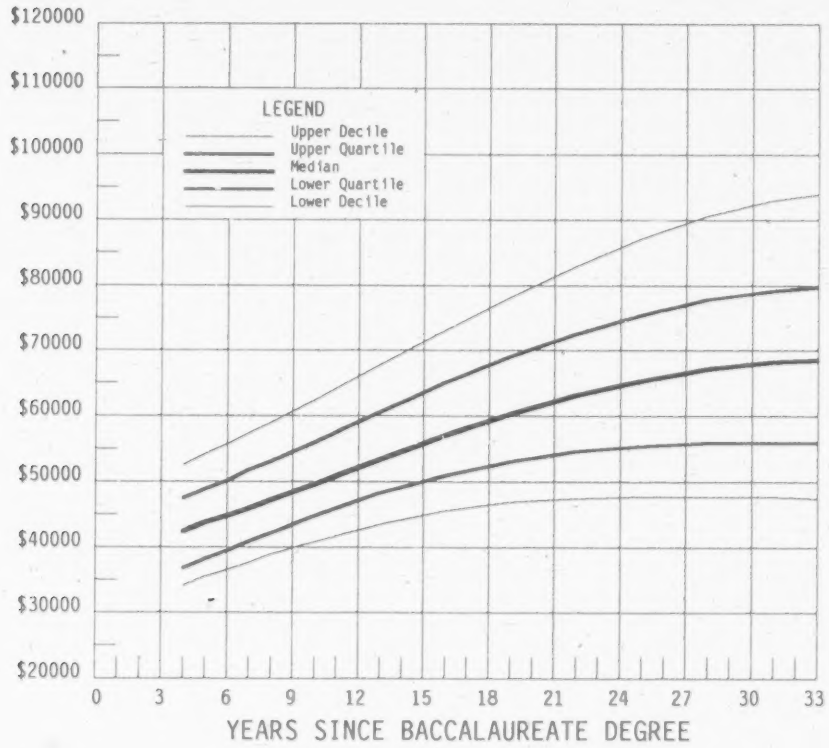
SALARY CURVES FOR ENGINEERS IN MEDIUM-SIZED COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33850	35850	37900	40050	42250	44500	46800	49100	51450	56150	62900	68900	73800	77350	79700	81000	81550	81400	69400
Upper Quartile	31800	33500	35250	37100	38950	40800	42700	44600	46550	50300	55700	60400	64250	67150	69100	70250	70850	71100	57700
Median	30250	31650	33100	34600	36100	37600	39100	40600	42100	44950	49000	52500	55400	57550	59050	60050	60650	61100	46150
Lower Quartile	28700	29900	31100	32300	33550	34750	35900	37100	38200	40400	43300	45700	47600	48900	49800	50300	50550	50650	37400
Lower Decile	27400	28350	29300	30250	31200	32100	33000	33900	34700	36300	38350	40000	41250	42100	42700	43000	43200	43200	32250
Mean	30400	31900	33400	34900	36450	38050	39600	41200	42750	45800	50100	53800	56850	59150	60750	61800	62350	62800	49050
Raw (Unsmoothed) Statistics																			
Upper Decile	32750	35050	38250	40450	42750	45450	47400	49950	52800	56550	63050	67150	71550	75000	79700	81600	81150	84850	69400
Upper Quartile	31350	32900	35350	37200	38850	41150	43600	45750	47550	50750	55550	59100	62600	66000	70050	70250	70100	73350	57700
Median	30000	31100	33350	34850	35900	37900	39750	40750	42600	45250	49100	52100	53200	57900	59300	60900	60900	61750	46150
Lower Quartile	27800	29550	31200	32900	33600	35350	36500	37150	38900	40850	43100	44750	44950	50550	49400	52100	51650	50600	37400
Lower Decile	26000	28350	29200	31250	31050	33200	32500	34750	35400	36900	38450	38900	38400	43800	41850	45000	44000	43400	32250
Mean	29400	31550	33450	35450	36650	38650	40000	41700	43500	46200	50200	52650	54750	59150	60600	62150	62600	64400	49050
Supporting Data																			
Total Number	1057	1383	1335	1535	1570	1398	1473	1350	1420	3380	3087	3020	2738	2339	1875	1751	1637	2716	35051
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	5	18	64	94
Less Than $22000	62	4	35	2	2	1	2	2	0	2	0	0	0	0	0	1	0	0	112

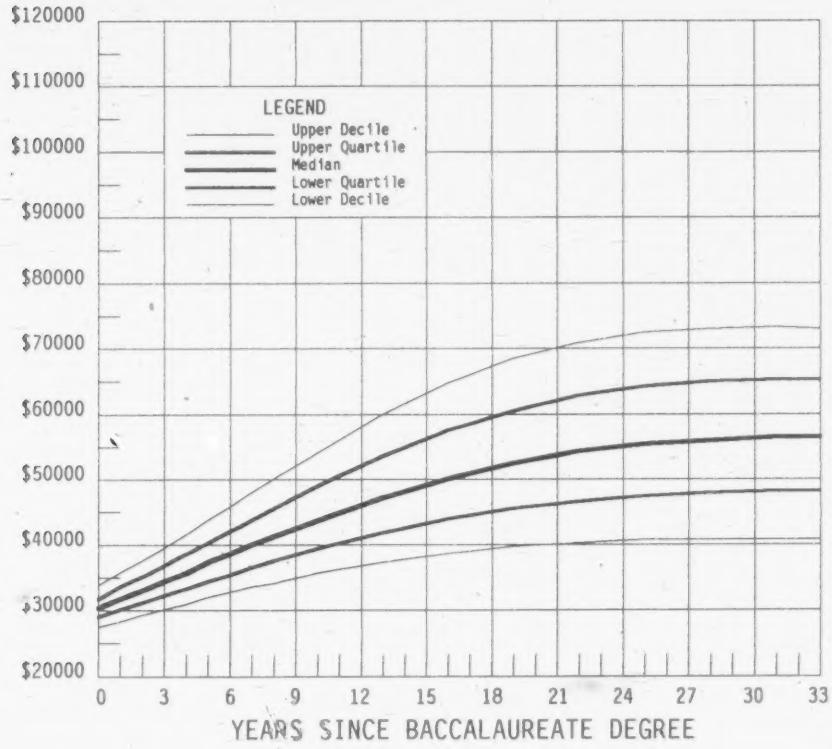
SALARY CURVES FOR ENGINEERS IN MEDIUM-SIZED COMPANIES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52550	54100	55700	57350	59000	62400	67700	73050	78200	83000	87150	90550	93150	96150	82450
Upper Quartile	0	0	0	0	47500	48850	50200	51650	53100	56050	60550	64950	69050	72600	75550	77750	79250	80700	70350
Median	0	0	0	0	42500	43650	44800	46000	47200	49700	53400	57000	60250	63100	65400	67100	68250	69350	59250
Lower Quartile	0	0	0	0	36700	38100	39500	40850	42200	44750	48150	50950	53050	54550	55450	55900	56100	55950	49700
Lower Decile	0	0	0	0	34150	35350	36550	37700	38850	40900	43550	45500	46850	47550	47850	47800	47600	46950	43300
Mean	0	0	0	0	43700	44850	46050	47250	48500	51000	54750	58400	61800	64800	67250	69150	70550	71950	61750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	55900	51500	56900	52550	65200	63200	69750	71150	78100	83050	87300	88950	91600	98850	82450
Upper Quartile	0	0	0	0	50300	48300	49350	48650	56200	56450	61750	64250	68800	71800	75400	79300	77550	82050	70350
Median	0	0	0	0	44600	43000	45700	43150	50050	49700	54250	57100	59150	62600	66300	68250	67000	70000	59250
Lower Quartile	0	0	0	0	37400	41150	41900	37500	45250	44100	48250	51750	50750	55650	54850	59150	59150	54150	49700
Lower Decile	0	0	0	0	35100	36450	37150	36550	41600	41250	42000	46050	44550	50800	45450	51450	51450	44900	43300
Mean	0	0	0	0	45100	44300	46550	44450	51450	51300	55700	58400	60400	65150	66450	69800	71000	72600	61750
Supporting Data																			
Total Number	19	16	39	49	61	95	101	223	141	661	844	1123	1067	978	733	653	609	1104	8511
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	18	63	89
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3

SALARY CURVES FOR ENGINEERS IN MEDIUM-SIZED COMPANIES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	33750	35650	37600	39600	41650	43750	45850	47950	50050	54200	59950	64800	68500	71050	72500	73150	73250	72550	62450
Upper Quartile	31850	33500	35150	36850	38600	40350	42100	43850	45550	48950	53600	57550	60650	62850	64200	64950	65250	65100	52250
Median	30400	31750	33100	34500	35850	37250	38600	39950	41250	43800	47300	50250	52550	54300	55400	56100	56500	56700	42500
Lower Quartile	28950	30050	31150	32250	33350	34400	35450	36500	37500	39400	41950	44000	45600	46750	47500	47950	48150	48300	35600
Lower Decile	27450	28350	29250	30150	31050	31900	32700	33500	34250	35650	37400	38750	39750	40350	40750	40900	40900	40750	31350
Mean	30400	31800	33250	34700	36150	37550	39000	40450	41850	44500	48150	51200	53600	55250	56350	56950	57200	57200	45000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	32750	35050	37800	39900	41950	44600	46650	49300	51100	54450	59850	62150	66350	68550	74250	71700	73650	76000	62450
Upper Quartile	31350	32900	35250	36950	38550	40650	43050	45250	46550	49350	53400	55400	58600	62050	64950	64150	65600	67500	52250
Median	29950	31100	33300	34700	35750	37650	39500	40450	41950	44400	47550	47850	50500	54300	55850	57000	56900	57850	42500
Lower Quartile	27700	29550	31200	32850	33500	35200	36250	37000	38600	40000	42000	41950	42450	47150	46450	50050	48550	49800	35600
Lower Decile	25850	28350	29250	31150	31000	33050	32300	34350	35050	36550	36800	37350	37050	41050	40550	42550	40900	41700	31350
Mean	29400	31550	33300	35100	36300	38250	39500	41200	42600	45000	48100	49250	51150	54900	56850	57550	57650	58750	45000
---------- Supporting Data ----------																			
Total Number	1037	1368	1295	1486	1508	1305	1373	1128	1278	2719	2245	1892	1674	1359	1141	1099	1027	1610	26540
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	5
Less Than $22000	62	4	33	2	2	1	2	2	0	2	0	0	0	0	0	0	0	0	109

1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33350	35250	37200	39250	41300	43450	45600	47800	50000	54350	60600	66050	70500	73800	75950	77150	77650	77600	63900
Upper Quartile	31700	33300	34950	36650	38350	40100	41850	43600	45350	48750	53550	57700	61100	63600	65300	66350	66900	67150	53000
Median	30200	31550	32950	34350	35750	37150	38550	39900	41250	43900	47450	50400	52750	54450	55600	56250	56600	56700	43050
Lower Quartile	28600	29800	30950	32100	33250	34400	35500	36600	37600	39550	42100	44050	45450	46400	46850	47050	47050	46750	35650
Lower Decile	27250	28200	29100	30050	30950	31800	32650	33500	34250	35700	37450	38800	39750	40350	40600	40700	40650	40400	31250
Mean	30250	31650	33100	34550	36000	37450	38950	40400	41800	44600	48450	51700	54350	56300	57650	58500	58950	59250	46000
Raw (Unsmoothed) Statistics																			
Upper Decile	32450	34450	37300	39800	41550	43950	46800	49200	51650	55000	61150	63450	67250	71200	73050	78050	77550	82750	63900
Upper Quartile	31300	32600	35050	36800	38000	40600	42900	45200	46900	49200	53650	56050	58450	62450	63450	66900	67750	69950	53000
Median	29900	31000	33050	34600	35600	37600	39350	40250	42000	44050	48000	49150	50550	54650	54150	58450	57900	57350	43050
Lower Quartile	27750	29450	30950	32800	33300	35150	36100	36850	38500	39850	41900	43000	42950	47700	44700	49950	48850	46850	35650
Lower Decile	25850	28300	28850	31100	30800	33000	32100	34500	34650	36500	37450	37950	37200	41750	39350	39350	41300	42150	31250
Mean	29250	31350	33000	35150	36200	38200	39500	41200	42850	45000	48800	50300	51600	56050	55250	58900	60050	61750	46000
Supporting Data																			
Total Number	1039	1325	1122	1354	1362	1162	1163	1083	1068	2483	2064	1937	1776	1444	1088	989	1100	1873	25422
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	14	59	77
Less Than $22000	62	4	35	2	2	1	2	2	0	2	0	0	0	0	0	1	0	0	112

1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	53750	54900	56100	57350	58650	61350	65650	70150	74750	79250	83550	87350	90500	95100	78800
Upper Quartile	0	0	0	0	47550	48500	49500	50600	51750	54200	58100	62100	65950	69450	72350	74550	76050	77550	66900
Median	0	0	0	0	42850	43500	44200	45050	45950	47950	51200	54550	57650	60300	62400	63850	64800	65550	55750
Lower Quartile	0	0	0	0	36300	37700	39050	40350	41600	43950	46900	49050	50500	51250	51450	51300	51000	50150	47000
Lower Decile	0	0	0	0	34200	35200	36150	37100	38000	39700	41900	43600	44850	45650	46150	46400	46500	46350	41550
Mean	0	0	0	0	43550	44400	45300	46250	47250	49400	52750	56150	59400	62300	64700	66500	67750	69000	58950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	60100	49850	55300	52300	68900	61450	70750	68950	74150	76800	78150	87300	91000	98450	78800
Upper Quartile	0	0	0	0	50100	47400	48850	48150	54500	54250	60850	61700	63800	68600	70750	76550	75600	78750	66900
Median	0	0	0	0	44400	42700	45500	43000	48150	47750	52500	55150	55400	61000	60000	65750	65600	65600	55750
Lower Quartile	0	0	0	0	37300	40900	41450	37450	44100	42900	47550	49400	48300	53750	46750	57150	57100	47400	47000
Lower Decile	0	0	0	0	34900	36200	36750	36550	40600	39500	40450	44350	42600	49000	44150	49300	49750	44250	41550
Mean	0	0	0	0	44850	43000	45700	44250	50500	49300	54900	56450	57000	62400	60800	66850	69850	70250	58950
Supporting Data																			
Total Number	18	15	33	49	59	87	84	209	102	485	579	694	676	628	420	382	410	810	5744
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	14	58	76
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3

1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33250	35050	36900	38750	40700	42600	44550	46450	48350	52050	57100	61250	64400	66450	67550	68000	67950	67250	56950
Upper Quartile	31700	33250	34850	36450	38050	39650	41250	42850	44400	47400	51450	54800	57300	59000	60000	60450	60550	60200	48250
Median	30350	31600	32900	34200	35500	36800	38050	39300	40500	42800	45800	48250	50050	51250	52000	52350	52450	52250	40050
Lower Quartile	28750	29850	30900	32000	33050	34100	35150	36100	37050	38750	40950	42600	43750	44400	44750	44800	44700	44350	34200
Lower Decile	27200	28100	29000	29900	30750	31600	32400	33150	33850	35150	36700	37750	38450	38800	38850	38750	38550	38100	30650
Mean	30200	31550	32950	34300	35650	37050	38350	39700	40950	43400	46600	49150	51000	52200	52850	53150	53150	52800	42200
Raw (Unsmoothed) Statistics																			
Upper Decile	32500	34450	36950	39000	40750	43350	46050	48250	49950	52900	55800	58150	61800	63900	66100	67450	69750	71400	56950
Upper Quartile	31300	32650	35000	36500	37800	40150	42200	44600	46050	47950	51400	52250	54300	56550	59250	61950	62200	62750	48250
Median	29900	31000	33000	34450	35450	37350	39150	39850	41450	43400	46200	45800	47050	50800	51000	53600	53800	54050	40050
Lower Quartile	27700	29450	30900	32700	33150	35050	35800	36550	38250	39250	41050	40250	41300	44400	42850	46100	45300	46450	34200
Lower Decile	25650	28300	28850	31000	30750	32850	31900	34100	34400	36150	35750	36550	36200	39000	38900	37300	38600	40400	30650
Mean	29250	31350	32900	34750	35800	37800	38950	40550	42050	44000	46450	46850	48300	51100	51750	53900	54200	55250	42200
Supporting Data																			
Total Number	1020	1309	1088	1305	1301	1073	1078	875	967	1998	1484	1245	1101	813	667	608	688	1062	19678
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	62	4	33	2	2	1	2	2	0	2	0	0	0	0	0	0	0	0	109

1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	41150	43250	45400	47550	49800	52000	54250	58650	65000	70650	75400	79000	81600	83250	84200	84850	74600
Upper Quartile	0	0	38200	40000	41800	43650	45550	47400	49300	52950	58200	62900	66800	69850	72050	73500	74400	75250	64100
Median	0	0	35300	36800	38350	39950	41500	43050	44600	47650	51950	55700	58850	61300	63100	64350	65150	65950	53650
Lower Quartile	0	0	33200	34400	35600	36800	38000	39150	40350	42600	45800	48650	51100	53100	54650	55800	56650	57750	44200
Lower Decile	0	0	31750	32600	33450	34300	35150	36000	36850	38450	40750	42900	44850	46500	47900	49000	49850	50850	37650
Mean	0	0	36000	37500	39050	40550	42100	43650	45200	48200	52500	56350	59600	62250	64250	65700	66700	67900	55400
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	40250	44200	45850	48550	48900	51550	54950	59600	63450	70000	75050	80350	84850	83050	83100	84950	74600
Upper Quartile	0	0	38050	40600	41700	44000	45250	46750	48550	53450	58150	62700	67850	68600	73700	72450	72850	77050	64100
Median	0	0	34900	37250	38700	39500	41650	42100	44700	48500	51350	56100	58650	61050	64500	62250	64200	68150	53650
Lower Quartile	0	0	33050	34800	35450	36400	37750	38950	39850	43850	45200	48600	50300	54300	55100	54050	57500	58800	44200
Lower Decile	0	0	31550	32800	33200	34150	34500	36250	37450	39550	40550	42100	42750	48150	50400	48900	50950	50100	37650
Mean	0	0	35700	37950	39200	40750	41700	43000	44950	49300	51800	56200	59050	62700	66050	64500	66650	68800	55400
---------- Supporting Data ----------																			
Total Number	11	60	213	181	199	221	293	243	292	775	840	895	774	669	561	575	392	655	7841
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	3	4	16
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	66450	65200	64650	65200	68550	73650	79350	84800	89400	92700	94750	96400	83900
Upper Quartile	0	0	0	0	0	0	56700	57050	57700	59450	63050	67150	71250	74950	78000	80150	81550	82750	72950
Median	0	0	0	0	0	0	49350	50200	51100	53150	56550	60000	63350	66300	68650	70400	71600	72600	63750
Lower Quartile	0	0	0	0	0	0	45200	46200	47150	49100	51900	54550	57000	59200	61150	62800	64150	66300	55750
Lower Decile	0	0	0	0	0	0	44550	44850	45200	46000	47500	49200	51050	52900	54650	56250	57550	59450	49950
Mean	0	0	0	0	0	0	52300	52750	53400	55000	57950	61300	64800	68000	70800	72950	74450	76000	66000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	69600	55700	61000	69600	66300	71850	79200	90800	96000	88100	90900	94950	83900
Upper Quartile	0	0	0	0	0	0	60000	53000	57600	59900	61850	67700	71050	75150	80350	80900	78100	83050	72950
Median	0	0	0	0	0	0	48500	48500	53250	53350	55800	59800	64550	65400	69850	70800	67950	74650	63750
Lower Quartile	0	0	0	0	0	0	43400	38000	50250	50400	50850	55100	56900	58650	61100	64250	61500	67950	55750
Lower Decile	0	0	0	0	0	0	41950	36200	46600	48050	46400	50450	49050	54050	53950	56900	56700	60750	49950
Mean	0	0	0	0	0	0	51450	47600	53900	56900	56500	61100	64800	68950	72100	72400	72100	77250	66000
---------- Supporting Data ----------																			
Total Number	1	1	6	0	2	9	16	12	35	166	233	378	337	270	234	207	163	231	2299
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	4	13
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	41300	43150	45000	46900	48800	50700	52600	56300	61550	66100	69950	72900	75000	76450	77350	78150	67950
Upper Quartile	0	0	38350	39900	41500	43150	44750	46350	47950	51050	55400	59250	62500	65050	66950	68350	69250	70250	58850
Median	0	0	35700	37000	38300	39600	40900	42200	43500	45950	49400	52500	55100	57200	58850	60050	60900	62000	49100
Lower Quartile	0	0	33550	34550	35550	36550	37550	38550	39500	41350	43950	46200	48150	49800	51050	52050	52800	53800	41050
Lower Decile	0	0	32200	32850	33450	34050	34700	35300	35950	37200	39050	40800	42500	44000	45350	46450	47350	48550	36200
Mean	0	0	36150	37500	38800	40150	41450	42750	44050	46550	50050	53200	55850	58000	59700	61000	61900	63050	51000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	40150	44200	45300	47350	48300	51000	53200	56250	62100	64950	69650	71600	78950	74550	77350	80250	67950
Upper Quartile	0	0	37600	40600	41550	43450	44850	46400	46750	51700	55700	59150	61500	64800	68350	66500	68600	73000	58850
Median	0	0	34800	37250	38650	39250	41350	41950	44100	46800	49100	51650	54200	58150	60100	57350	61800	64400	49100
Lower Quartile	0	0	32950	34800	35400	36300	37500	38950	39450	42700	44000	44700	46150	51100	52650	51700	53700	54650	41050
Lower Decile	0	0	31450	32800	33200	34100	34300	36250	37050	38350	38950	39600	38650	45900	47150	48000	49450	48100	36200
Mean	0	0	35600	37950	39100	40100	41200	42750	43900	47300	49900	52600	54650	58400	61650	60050	62700	64150	51000
---------- Supporting Data ----------																			
Total Number	10	59	207	181	197	213	278	231	259	609	607	517	439	397	326	365	229	427	5543
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	48350	50650	53050	55450	60250	67250	73800	79450	84000	87450	89900	91450	93050	83600
Upper Quartile	0	0	0	0	0	46750	48750	50750	52750	56700	62400	67450	71750	75150	77650	79400	80500	81550	72850
Median	0	0	0	0	0	44150	45800	47500	49150	52350	56900	60850	64150	66700	68600	69900	70700	71550	64150
Lower Quartile	0	0	0	0	0	42050	42700	43550	44500	46750	50550	54450	57900	60650	62650	63900	64600	65050	55450
Lower Decile	0	0	0	0	0	39750	39800	40100	40700	42500	45900	49550	52800	55300	57050	58050	58600	58900	48350
Mean	0	0	0	0	0	43600	45400	47150	48900	52350	57300	61750	65500	68500	70800	72400	73500	74650	65300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	49100	50600	55100	54[illegible]	[illegible]	68150	71350	82750	83950	86650	91550	88400	92800	83600
Upper Quartile	0	0	0	0	0	46750	48500	52400	520[illegible]	[illegible]	64700	67050	73100	73600	78300	77900	78500	82950	72850
Median	0	0	0	0	0	45750	46000	50900	48750	[illegible]	450	59050	65050	67050	72150	67200	67600	72100	64150
Lower Quartile	0	0	0	0	0	44750	43700	48100	41100	454[illegible]	1750	54500	58950	61750	63800	61950	60100	66200	55450
Lower Decile	0	0	0	0	0	44150	42100	39800	38950	40200	7400	51250	52900	56600	57150	57850	52700	60200	48350
Mean	0	0	0	0	0	46050	46550	49550	47250	50950	58250	60700	66650	68900	72300	71400	70350	75050	65300
Supporting Data																			
Total Number	6	0	0	0	9	16	18	26	61	123	185	181	187	229	227	186	146	187	1789
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

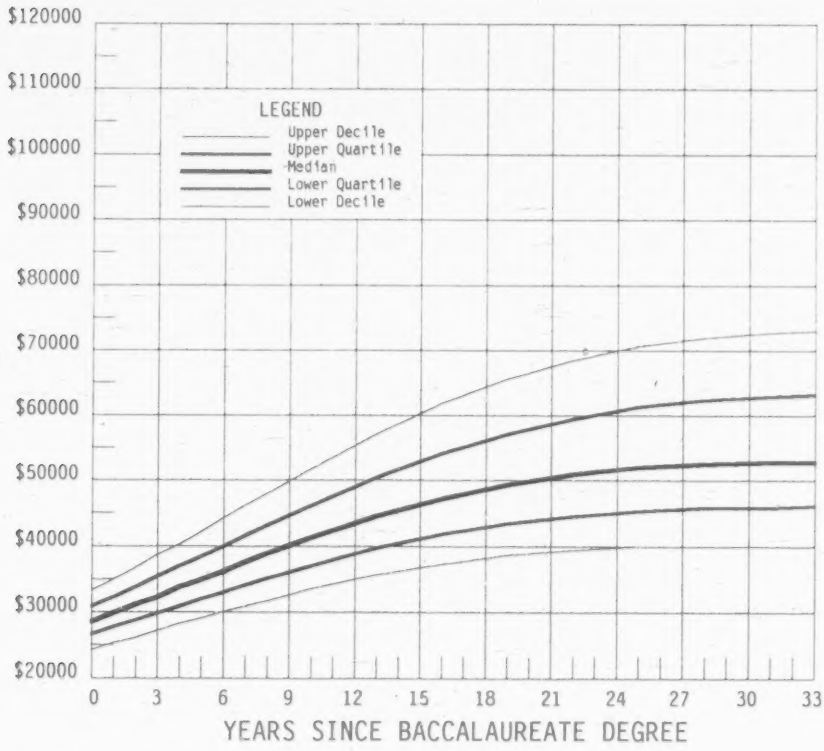
1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	74000	80050	85900	91400	96400	100800	104500	110500	94400
Upper Quartile	0	0	0	0	0	0	0	0	0	0	69600	73650	77650	81450	85000	88200	91000	95650	83800
Median	0	0	0	0	0	0	0	0	0	0	63750	66650	69800	73000	76200	79300	82100	87200	73050
Lower Quartile	0	0	0	0	0	0	0	0	0	0	58650	59150	61600	64850	68050	70800	72750	74600	64600
Lower Decile	0	0	0	0	0	0	0	0	0	0	54200	56350	58250	59800	61050	62050	62800	63850	57150
Mean	0	0	0	0	0	0	0	0	0	0	63800	67550	71150	74500	77600	80350	82700	86600	75100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	77050	73200	91500	96100	95400	96500	98500	109000	94400
Upper Quartile	0	0	0	0	0	0	0	0	0	0	70200	70200	85800	79600	83600	90000	86900	92500	83800
Median	0	0	0	0	0	0	0	0	0	0	65000	63700	73000	72850	77400	78000	79000	84300	73050
Lower Quartile	0	0	0	0	0	0	0	0	0	0	60900	55350	63800	66000	70350	68000	68250	72800	64600
Lower Decile	0	0	0	0	0	0	0	0	0	0	56250	53800	57100	61350	65350	57950	60600	61850	57150
Mean	0	0	0	0	0	0	0	0	0	0	65400	64050	74500	74850	78750	78900	79150	83850	75100
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	5	9	32	51	51	80	77	64	33	64	469
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	48350	50600	52850	55100	59500	65750	71100	75400	78500	80500	81600	82050	81950	75900
Upper Quartile	0	0	0	0	0	46250	48300	50350	52350	56250	61600	66000	69300	71500	72750	73250	73250	72550	68800
Median	0	0	0	0	0	45550	46400	47450	48600	51200	55400	59300	62450	64750	66200	67000	67400	67600	61550
Lower Quartile	0	0	0	0	0	43300	43500	43700	44100	46000	49900	53900	57200	59550	61000	61750	62100	62250	53050
Lower Decile	0	0	0	0	0	40100	40300	40700	41750	43000	45100	48800	51950	54100	55400	56100	56350	56500	46550
Mean	0	0	0	0	0	45350	46250	47350	48600	51350	55800	60000	63400	65900	67450	68350	68800	69000	61800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	49100	50600	55100	53400	59150	66850	70200	75550	77500	81500	80600	84900	83350	75900
Upper Quartile	0	0	0	0	0	46750	48500	52400	51600	54800	63450	65050	69800	70100	74850	70650	75350	74650	68800
Median	0	0	0	0	0	45750	46000	50900	47500	49900	56950	58150	63350	65050	68950	65100	65450	69600	61550
Lower Quartile	0	0	0	0	0	44750	43700	48100	40750	45550	51000	54050	57950	60450	61500	61350	58950	64650	53050
Lower Decile	0	0	0	0	0	44150	42100	39800	38850	40300	47050	49650	51950	54950	54850	57450	52000	59250	46550
Mean	0	0	0	0	0	46050	46550	49550	46650	50950	56900	59400	63700	66000	69250	67550	67900	70300	61800
Supporting Data																			
Total Number	6	0	0	0	9	16	18	26	56	117	154	129	135	151	149	124	111	123	1320
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

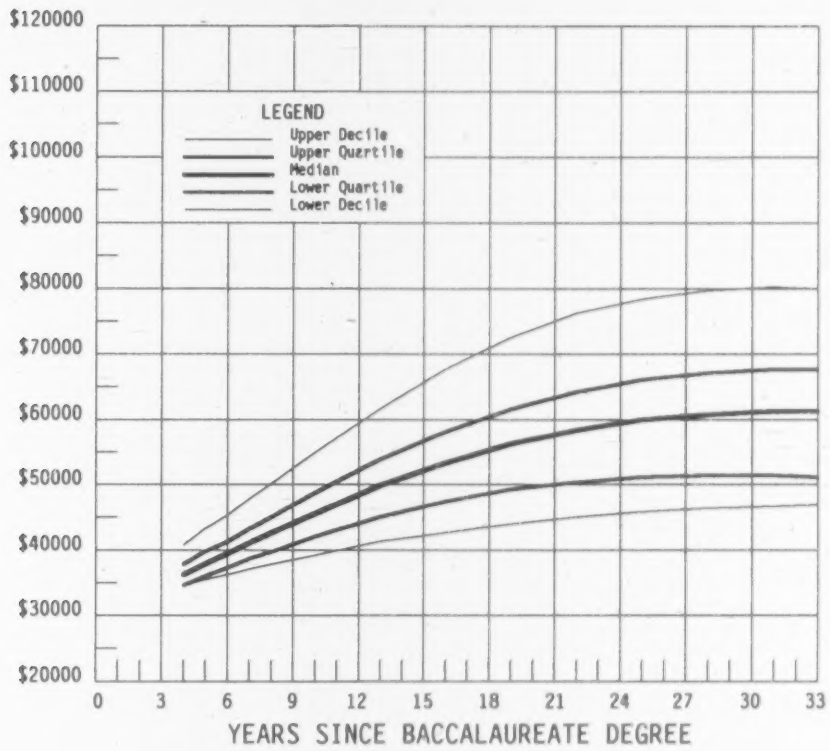
SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33250	34950	36750	38550	40400	42250	44150	46050	47950	51750	57050	61800	65700	68650	70750	72050	72800	73350	62450
Upper Quartile	30950	32400	33900	35400	36950	38500	40050	41600	43150	46150	50400	54100	57150	59500	61200	62350	63000	63600	52450
Median	28550	29800	31100	32400	33750	35050	36350	37650	38900	41300	44600	47300	49450	51000	52000	52550	52800	52850	42650
Lower Quartile	26750	27800	28900	29950	31050	32100	33150	34200	35200	37100	39650	41750	43400	44550	45350	45800	46000	46100	35350
Lower Decile	24200	25200	26200	27200	28150	29100	30050	30950	31850	33500	35700	37400	38600	39450	39900	40050	40100	39850	30050
Mean	28850	30150	31450	32800	34100	35450	36800	38100	39450	42000	45550	48650	51200	53200	54600	55550	56150	56750	45150
Raw (Unsmoothed) Statistics																			
Upper Decile	31550	35000	43300	36000	39100	41250	44350	43900	46900	54200	56800	60650	65350	70550	71600	71350	68750	74050	62450
Upper Quartile	30350	32500	35200	34400	36650	39850	39300	39700	44850	46400	49150	54600	58600	58750	62550	62500	58650	64350	52450
Median	28900	29650	31800	31100	34450	37850	33950	35000	39650	40900	43950	47800	51350	53150	52100	52650	48500	52900	42650
Lower Quartile	27250	27700	29600	27500	31300	33750	32650	33000	34400	37800	39600	42300	42200	47700	43200	46550	41550	47250	35350
Lower Decile	26000	24300	26900	26100	29200	26600	31700	32050	28800	34750	35450	37400	38900	41550	38200	43050	38100	39450	30050
Mean	28900	29600	33150	31050	34350	36350	36350	36700	39250	42750	45200	48350	51600	54650	53850	56450	52200	57450	45150
Supporting Data																			
Total Number	288	380	373	304	403	460	387	366	450	1037	1029	964	680	675	591	403	361	1047	10199
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	6	9
Less Than $22000	0	29	0	12	0	12	0	0	0	0	0	0	0	1	0	0	0	0	54

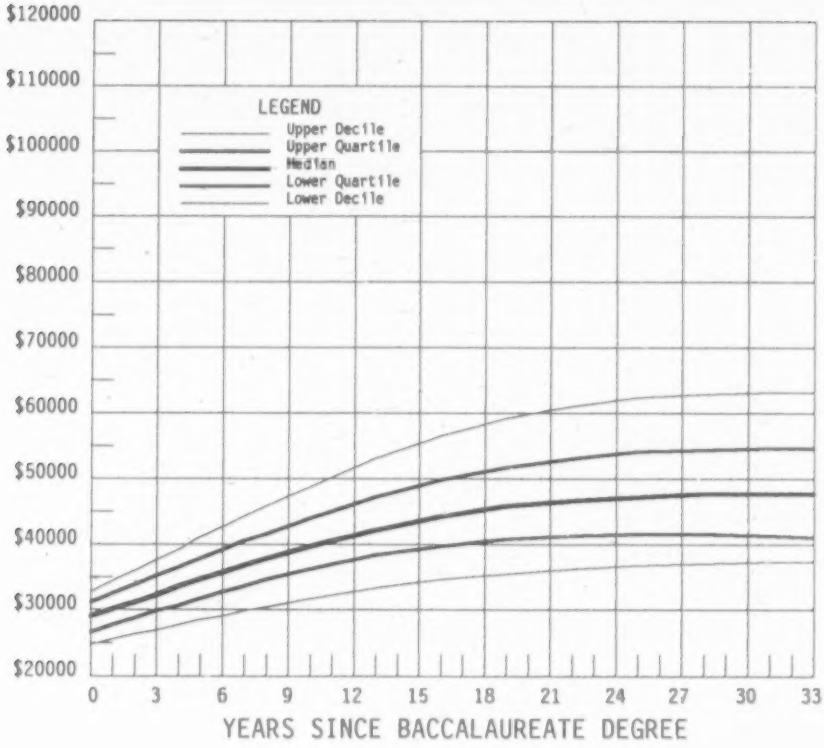
SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	40900	43150	45450	47800	50150	54850	61650	67700	72600	76200	78450	79700	80150	79800	73000
Upper Quartile	0	0	0	0	37850	39650	41450	43300	45100	48700	53750	58150	61700	64350	66150	67200	67700	67850	62700
Median	0	0	0	0	36350	37900	39500	41050	42600	45650	49850	53450	56350	58500	59900	60800	61250	61450	54700
Lower Quartile	0	0	0	0	34750	36050	37350	38600	39800	42100	45100	47500	49300	50450	51100	51350	51400	51050	47300
Lower Decile	0	0	0	0	34650	35450	36300	37050	37850	39250	41200	42800	44100	45100	45850	46400	46750	47200	41700
Mean	0	0	0	0	37350	38900	40400	41950	43450	46400	50550	54200	57200	59550	61250	62400	63100	63800	56400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	36450	40650	43100	56000	65600	64050	62900	62950	70950	78400	75300	80550	80600	81000	73000
Upper Quartile	0	0	0	0	35400	39700	34500	51500	53000	55350	52850	57750	61000	59950	71600	70400	66700	68200	62700
Median	0	0	0	0	34250	38100	33350	47000	47000	52750	48050	52050	57100	56200	64700	61500	57950	61950	54700
Lower Quartile	0	0	0	0	33150	34950	32650	41500	41000	47550	45200	47150	46450	50400	53950	51050	46750	52150	47300
Lower Decile	0	0	0	0	32450	34300	32250	39500	38600	44600	40950	42350	41450	47950	44450	42700	45100	48550	41700
Mean	0	0	0	0	34900	37800	35550	46750	49800	52850	50350	52600	56200	58700	62850	62500	60850	64750	56400
Supporting Data																			
Total Number	0	1	51	5	43	64	39	10	16	199	317	454	346	418	227	162	125	518	2995
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	32850	34400	36000	37650	39300	40950	42550	44200	45800	48850	53050	56550	59250	61150	62300	62950	63200	63050	53400
Upper Quartile	31250	32550	33900	35200	36550	37850	39150	40450	41700	44050	47200	49800	51750	53150	54000	54450	54650	54600	45500
Median	28950	30100	31200	32350	33500	34600	35700	36750	37800	39700	42250	44250	45750	46700	47300	47600	47700	47550	39300
Lower Quartile	26550	27650	28700	29750	30800	31800	32750	33700	34600	36250	38350	39850	40850	41350	41550	41500	41300	40750	33300
Lower Decile	24850	25600	26350	27050	27800	28500	29200	29850	30500	31650	33250	34550	35550	36300	36800	37150	37400	37600	28650
Mean	28900	30100	31300	32500	33650	34850	36000	37150	38250	40350	43100	45400	47100	48300	49050	49450	49600	49550	40450
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	31550	34950	37250	35900	39300	42200	44550	43150	46700	47800	53850	55300	59800	63450	59550	63100	59400	65950	53400
Upper Quartile	30350	32450	34500	34350	36850	39900	39450	39450	44650	42750	46100	50450	52050	49950	54700	56700	57000	54250	45500
Median	28900	29650	31250	31050	34500	37800	34150	34850	39450	39800	41800	44350	43700	47550	47000	51500	44900	48300	39300
Lower Quartile	27250	27700	29100	27450	31000	32700	32650	32950	34300	36900	38500	39150	40450	41600	41800	45900	39450	40400	33300
Lower Decile	26000	24300	26400	26050	28950	26150	31500	32050	28750	34300	34300	27700	38700	38450	35950	43650	35400	37700	28650
Mean	28900	29600	31900	30900	34300	36100	36450	36400	38900	40350	42950	44500	46850	48350	48200	52300	47900	50350	40450
---------- Supporting Data ----------																			
Total Number	288	379	322	299	359	396	348	356	433	839	712	508	335	260	364	239	238	532	7204
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	4
Less Than $22000	0	29	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0	53

1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32750	34350	36000	37650	39350	41100	42800	44500	46200	49500	54100	58050	61250	63550	65150	66100	66550	66750	58850
Upper Quartile	30800	32150	33500	34900	36350	37750	39150	40550	41950	44700	48550	51900	54750	57000	58650	59800	60550	61400	48700
Median	28550	29750	31000	32200	33450	34700	35900	37050	38250	40450	43400	45800	47650	48900	49750	50200	50350	50300	40150
Lower Quartile	26550	27600	28700	29800	30850	31900	32950	33950	34950	36800	39200	41100	42450	43350	43900	44100	44150	43900	33750
Lower Decile	24550	25400	26250	27050	27900	28700	29500	30250	30950	32350	34150	35600	36700	37500	38000	38300	38450	38550	28950
Mean	28550	29800	31100	32350	33600	34900	36150	37400	38600	41000	44150	46850	49000	50550	51600	52250	52550	52750	42300
Raw (Unsmoothed) Statistics																			
Upper Decile	31500	34850	41900	35750	37450	40600	40550	41000	46550	53150	52200	57500	64200	64600	62150	70400	66550	66850	58850
Upper Quartile	30300	32250	34400	34250	35950	39550	38150	39050	44100	44350	46600	52300	58850	57900	57700	59450	57150	62600	48700
Median	28850	29550	31500	30850	34050	37400	33650	34600	39100	40550	42500	45700	49900	54200	45700	51200	45700	51550	40150
Lower Quartile	27200	27550	29300	27250	31000	33250	32550	32900	34250	37700	38800	41700	40450	47200	41850	46100	39650	45200	33750
Lower Decile	25950	24250	26450	25900	29000	26250	31650	32050	29450	34550	34050	31600	37900	39850	38400	44550	35500	38850	28950
Mean	28850	29500	32500	30700	33650	35600	35250	36100	38800	41900	43250	46300	50200	53750	49550	54050	49300	53600	42300
Supporting Data																			
Total Number	285	368	327	272	344	411	325	320	351	841	659	632	387	421	300	188	252	841	7514
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
Less Than $22000	0	29	0	12	0	12	0	0	0	0	0	0	0	1	0	0	0	0	54

1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	37000	39250	41600	44000	46450	51300	58350	64400	69050	72050	73500	73850	73500	71750	67300
Upper Quartile	0	0	0	0	36500	38300	40100	41950	43750	47300	52250	56350	59450	61550	62750	63200	63200	62550	60100
Median	0	0	0	0	35550	37050	38550	40050	41550	44400	48350	51750	54450	56450	57750	58550	58950	59150	53000
Lower Quartile	0	0	0	0	33500	34900	36350	37700	39050	41600	44950	47450	49150	50150	50500	50400	50100	49200	45850
Lower Decile	0	0	0	0	34250	35000	35750	36500	37200	38500	40300	41850	43150	44200	45000	45650	46100	46700	39000
Mean	0	0	0	0	35500	37150	38750	40400	42000	45100	49350	52850	55500	57250	58300	58700	58750	58250	53500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	35900	40600	39800	0	0	56900	53750	62800	65450	80450	72100	71650	77400	71750	67300
Upper Quartile	0	0	0	0	35250	39650	33750	0	0	54400	50100	55400	61550	58950	62500	70150	63250	63850	60100
Median	0	0	0	0	34150	38100	33150	0	0	51600	46350	49350	58300	56300	52600	65500	57350	60600	53000
Lower Quartile	0	0	0	0	33100	35000	32600	0	0	46700	44500	43350	52850	53850	44350	51900	46400	50850	45850
Lower Decile	0	0	0	0	32450	34350	32250	0	0	44350	40000	41900	37100	48650	36950	50700	44950	48250	39000
Mean	0	0	0	0	34200	37700	34350	0	0	51350	47850	51100	55850	58200	53850	62350	58600	59600	53500
Supporting Data																			
Total Number	0	1	51	4	41	62	34	8	8	144	220	291	167	283	89	79	103	414	1991
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32450	33800	35200	36600	38000	39400	40800	42150	43500	46100	49750	52800	55350	57250	58650	59550	60100	60650	49500
Upper Quartile	30900	32150	33450	34750	36000	37250	38500	39700	40850	43000	45800	47950	49500	50500	51000	51150	51100	50700	42700
Median	28700	29850	31000	32150	33250	34350	35400	36400	37350	39100	41300	42900	43900	44400	44550	44450	44200	43600	37900
Lower Quartile	26500	27550	28550	29550	30550	31500	32400	33250	34100	35650	37500	38850	39700	40150	40250	40150	39950	39400	31950
Lower Decile	25100	25700	26250	26850	27400	27950	28500	29050	29550	30550	31900	33100	34100	34950	35650	36200	36650	37200	28000
Mean	28550	29700	30850	32000	33150	34250	35350	36400	37450	39350	41800	43700	45100	45950	46400	46550	46500	46200	38300
Raw (Unsmoothed) Statistics																			
Upper Decile	31500	34800	35300	35700	37600	40600	40550	40700	46250	45500	49950	51900	61800	51050	58950	52750	54500	65450	49500
Upper Quartile	30300	32200	33400	34200	36150	39500	38350	38800	43700	42300	43650	47600	50800	48250	56550	51250	46050	52450	42700
Median	28850	29550	30900	30800	34000	37350	33750	34500	38900	39650	40400	43450	43450	42550	44350	46550	40350	45700	37900
Lower Quartile	27200	27550	28800	27200	30650	32100	32550	32900	34200	36950	35850	38450	39900	39350	41700	45000	38200	39650	31950
Lower Decile	25950	24250	25950	25850	28800	25850	31450	32050	29400	34150	27550	27100	38500	37150	39350	44100	34850	37200	28000
Mean	28850	29450	30900	30550	33600	35200	35350	35800	38500	39950	41000	42200	46000	44700	47750	48150	42900	47900	38300
Supporting Data																			
Total Number	285	367	276	268	302	349	291	312	340	699	442	341	222	139	211	109	150	428	5524
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Less Than $22000	0	29	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0	53

1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	43050	44450	45850	47300	48750	50200	51700	54650	59200	63650	68000	72100	75850	79200	82050	86750	70150
Upper Quartile	0	0	41050	42200	43300	44450	45550	46650	47700	49850	52850	55600	58100	60250	62050	63550	64750	66500	57250
Median	0	0	38050	38900	39700	40550	41400	42200	43000	44650	46950	49150	51150	52950	54550	55950	57100	58900	49200
Lower Quartile	0	0	32700	33450	34200	34950	35750	36500	37300	38850	41100	43150	44850	46250	47250	47950	48350	48700	41900
Lower Decile	0	0	29450	30000	30550	31100	31650	32250	32800	34000	35700	37400	38950	40300	41450	42350	43050	43800	36150
Mean	0	0	36950	37950	38950	39950	40950	41950	42900	44850	47700	50400	52900	55100	57100	58800	60150	62350	51750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43350	39850	41300	49500	52200	51350	49250	59050	68000	59950	70700	65900	70150	74150	73800	112500	70150
Upper Quartile	0	0	42350	36750	40100	48550	46600	45250	46250	53700	55150	57400	56050	50000	66100	61600	59550	78000	57250
Median	0	0	39000	33200	38650	45500	43800	41000	44400	44350	43900	51400	53350	48650	54800	52600	57400	65550	49200
Lower Quartile	0	0	34000	31300	35300	35650	36800	35250	35250	37300	40900	46700	44050	47300	49200	43450	46750	52350	41900
Lower Decile	0	0	29900	30100	32750	33150	32550	32100	24900	35050	39050	37900	41150	42650	36000	41850	42300	49300	36150
Mean	0	0	37800	34400	38150	42450	42400	40850	40250	46200	49050	51600	53250	51300	56250	56050	57450	71650	51750
Supporting Data																			
Total Number	3	13	48	33	59	47	61	42	85	164	150	258	203	136	189	152	91	190	1913
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	65200	66400	68050	69450	75100	81650	88100	93600	100400	78600
Upper Quartile	0	0	0	0	0	0	0	0	0	56400	57450	58500	59600	60750	65700	71700	78100	90150	68200
Median	0	0	0	0	0	0	0	0	0	52850	53450	54250	55000	56800	59850	62900	65550	69050	56150
Lower Quartile	0	0	0	0	0	0	0	0	0	46450	46650	46900	47400	47950	50400	53300	56250	61550	48650
Lower Decile	0	0	0	0	0	0	0	0	0	44850	45000	45250	45700	46400	48000	49900	51750	55250	44050
Mean	0	0	0	0	0	0	0	0	0	53250	54100	55200	56400	57700	61550	65700	69650	75700	60550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	69150	71600	61250	80500	72600	71250	83400	95500	117800	78600
Upper Quartile	0	0	0	0	0	0	0	0	0	63000	63150	58550	59000	53200	69600	63800	76500	105850	68200
Median	0	0	0	0	0	0	0	0	0	54750	56750	55250	53450	49100	66250	60600	66000	75450	56150
Lower Quartile	0	0	0	0	0	0	0	0	0	53050	51100	48800	44500	47950	55800	42900	55600	72350	48650
Lower Decile	0	0	0	0	0	0	0	0	0	45700	46250	47500	42400	47300	53850	41750	46850	63100	44050
Mean	0	0	0	0	0	0	0	0	0	56300	57650	54450	54900	53600	64050	60250	68300	85650	60550
Supporting Data																			
Total Number	0	0	0	1	2	2	5	2	7	50	45	155	135	87	87	73	19	99	765
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41650	43150	44550	46000	47350	48700	49950	52350	55350	57650	59250	60200	60700	60850	60750	60300	57500
Upper Quartile	0	0	40200	41250	42200	43150	44050	44950	45750	47300	49250	50850	52050	53000	53600	54050	54300	54500	52150
Median	0	0	38500	38950	39450	39950	40500	41050	41650	42800	44500	46200	47700	49000	50100	50900	51500	52100	44350
Lower Quartile	0	0	33600	33650	33700	33800	33900	34050	34400	35350	37250	39350	41450	43400	45000	46200	47000	47700	39550
Lower Decile	0	0	30500	30550	30600	30700	31000	31350	31750	32800	34550	36350	38000	39350	40400	41100	41550	41850	34400
Mean	0	0	36900	37650	38350	39100	39850	40600	41300	42750	44850	46750	48400	49850	50950	51800	52400	53050	46000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43350	39400	40850	49500	51800	51500	48600	51800	56400	56600	59300	56400	62250	60200	59850	66900	57500
Upper Quartile	0	0	42350	36000	40000	48550	46600	45500	46250	45950	46050	54200	55200	49250	53250	54300	58800	55600	52150
Median	0	0	39000	33100	38550	45500	44000	41400	44650	40350	42150	45100	53050	47100	49700	51900	57000	52450	44350
Lower Quartile	0	0	34000	31250	35150	35800	36550	35000	29000	36300	39950	38200	40650	42600	47050	49750	43700	50200	38550
Lower Decile	0	0	29900	30050	32700	33500	32300	32000	24800	34500	38700	36600	38750	41550	35050	42050	42000	47750	34400
Mean	0	0	37800	33850	37800	42550	42300	40900	39800	41800	45200	47350	49900	47250	49600	52150	55400	56500	46000
Supporting Data																			
Total Number	3	13	48	32	57	45	56	40	78	114	105	104	69	49	102	79	73	91	1151
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	57300	58400	60850	64100	68100	72800	78050	83650	89300	100850	73450
Upper Quartile	0	0	0	0	0	0	0	0	48750	49900	53600	58600	63850	68550	72200	74600	76000	76950	63300
Median	0	0	0	0	0	0	0	0	39900	43300	48300	53000	57200	60700	63500	65550	67000	68750	53050
Lower Quartile	0	0	0	0	0	0	0	0	41550	41650	42400	44100	46400	49000	51750	54300	56500	59550	45200
Lower Decile	0	0	0	0	0	0	0	0	37850	38100	38350	39450	40950	42600	44200	45650	46750	48100	41150
Mean	0	0	0	0	0	0	0	0	45800	46000	48450	52250	56500	60500	63750	66050	67400	68400	56050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	52100	60950	61100	63950	68800	72400	81250	75000	78800	140000	73450
Upper Quartile	0	0	0	0	0	0	0	0	47000	51300	53550	61550	58950	69950	74150	69800	68500	106250	63300
Median	0	0	0	0	0	0	0	0	40000	44750	47600	53900	56150	64550	64500	59300	59000	83750	53050
Lower Quartile	0	0	0	0	0	0	0	0	39000	40050	43600	44700	42800	49650	50150	57600	57350	61000	45200
Lower Decile	0	0	0	0	0	0	0	0	38400	38800	37500	42350	41700	48000	33750	56600	56350	49100	41150
Mean	0	0	0	0	0	0	0	0	44250	46900	48500	54000	53450	62000	61950	64500	66250	87950	56050
Supporting Data																			
Total Number	0	0	0	0	1	2	3	4	16	33	221	72	88	118	105	65	23	21	772
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	57700	60800	66850	75050	113150	200000	0	0	82750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	52700	55000	58000	63950	90900	178500	0	0	73700
Median	0	0	0	0	0	0	0	0	0	0	45150	48000	52700	60750	98050	200000	0	0	67600
Lower Quartile	0	0	0	0	0	0	0	0	0	0	43150	45650	51650	58500	98450	200000	0	0	57900
Lower Decile	0	0	0	0	0	0	0	0	0	0	40400	41800	51750	53400	92200	200000	0	0	49250
Mean	0	0	0	0	0	0	0	0	0	0	48200	50450	55000	62850	98350	200000	0	0	67050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	63200	0	75600	80000	88400	110000	0	0	82750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	61650	0	60500	71600	75700	82500	0	0	73700
Median	0	0	0	0	0	0	0	0	0	0	49650	0	58600	70050	74000	72000	0	0	67600
Lower Quartile	0	0	0	0	0	0	0	0	0	0	48250	0	57150	68550	72300	64000	0	0	57900
Lower Decile	0	0	0	0	0	0	0	0	0	0	47450	0	56300	60000	66600	56800	0	0	49250
Mean	0	0	0	0	0	0	0	0	0	0	54200	0	61900	70350	76100	76900	0	0	67050
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	1	5	53	9	43	50	53	12	6	9	236
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	53200	53750	55100	57100	59650	62550	65800	69150	72400	78800	64550
Upper Quartile	0	0	0	0	0	0	0	0	47750	48900	50850	53050	55550	58200	60900	63550	66050	70650	56500
Median	0	0	0	0	0	0	0	0	43150	43900	45350	47050	49050	51250	53500	55800	57900	61900	49000
Lower Quartile	0	0	0	0	0	0	0	0	40100	40450	41650	43250	45050	46900	48550	49900	50950	52050	42950
Lower Decile	0	0	0	0	0	0	0	0	36950	37750	39300	40050	42300	43900	44850	45300	45450	45550	39100
Mean	0	0	0	0	0	0	0	0	44250	45050	46500	48350	50500	52850	55350	57900	60300	64800	51250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	50750	52400	55050	62900	57200	67350	53000	71250	70600	140000	64550
Upper Quartile	0	0	0	0	0	0	0	0	40800	49400	52000	60550	43850	64100	51900	68750	59900	112500	56500
Median	0	0	0	0	0	0	0	0	39900	43000	45800	53100	42900	50550	50050	58900	58600	80000	49000
Lower Quartile	0	0	0	0	0	0	0	0	38950	39750	42200	44150	41950	48550	41200	57450	57300	54500	42950
Lower Decile	0	0	0	0	0	0	0	0	38400	38700	37150	42150	41400	47550	32850	56600	56500	48400	39100
Mean	0	0	0	0	0	0	0	0	41700	44900	46700	52050	46350	55850	47300	61950	60600	85900	51250
Supporting Data																			
Total Number	0	0	0	0	1	2	3	4	15	28	169	63	47	71	51	54	17	14	537
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ALL INDUSTRY CURVES AND TABLES, BY GEOGRAPHIC REGION

REGIONAL CLASSIFICATION:

New England:
- Connecticut
- Maine
- Massachusetts
- New Hampshire
- Rhode Island
- Vermont

Middle Atlantic:
- New Jersey
- New York
- Pennsylvania

East North Central:
- Illinois
- Indiana
- Michigan
- Ohio
- Wisconsin

West North Central:
- Iowa
- Kansas
- Minnesota
- Missouri
- Nebraska
- North Dakota
- South Dakota

South Atlantic:
- Delaware
- District of Columbia
- Florida
- Georgia
- Maryland
- North Carolina
- South Carolina
- Virginia
- West Virginia

East South Central:
- Alabama
- Kentucky
- Mississippi
- Tennessee

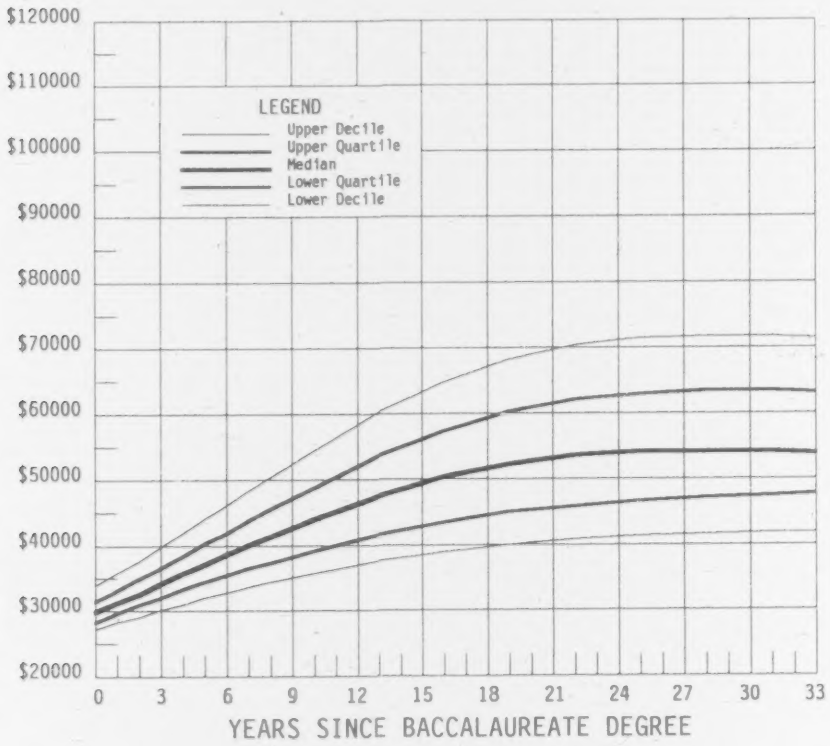
West South Central:
- Arkansas
- Louisiana
- Oklahoma
- Texas

Mountain:
- Arizona
- Colorado
- Idaho
- Montana
- Nevada
- New Mexico
- Utah
- Wyoming

Pacific:
- Alaska
- California
- Hawaii
- Oregon
- Washington

Note: Some participating employers are multi-regional, i.e., classed in none of the above categories.

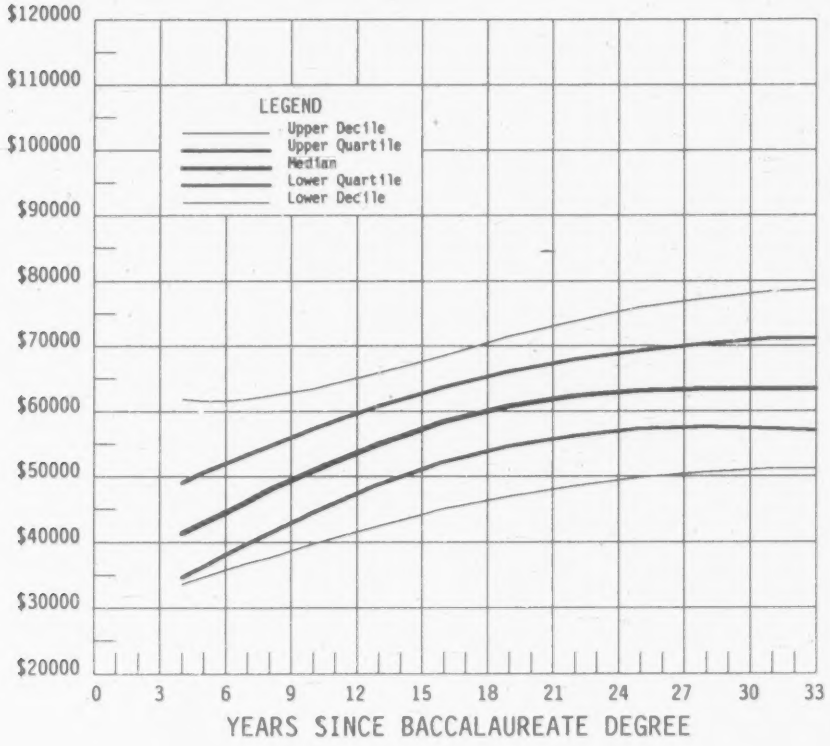
SALARY CURVES FOR ENGINEERS IN NEW ENGLAND
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: NEW ENGLAND

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33800	35750	37700	39750	41850	43950	46100	48200	50350	54450	60150	64800	68250	70400	71500	71850	71650	70500	62950
Upper Quartile	31500	33150	34850	36600	38400	40150	41950	43750	45500	48900	53550	57350	60200	62050	63050	63400	63400	62700	54100
Median	29750	31200	32650	34150	35600	37100	38550	40000	41400	44050	47550	50350	52300	53500	54050	54200	54050	53350	44850
Lower Quartile	28400	29650	30850	32050	33200	34300	35400	36450	37450	39250	41600	43500	44950	46000	46750	47250	47550	47750	36950
Lower Decile	27300	28300	29200	30150	31050	31900	32750	33550	34300	35700	37500	38900	40000	40750	41250	41600	41750	41900	31800
Mean	30450	31900	33350	34800	36250	37700	39200	40600	42000	44700	48250	51200	53350	54800	55600	56000	56050	55750	46550
Raw (Unsmoothed) Statistics																			
Upper Decile	33000	35100	37450	38250	42650	47750	48100	48700	49750	55750	60050	63400	65950	69750	67350	71600	72850	74200	62950
Upper Quartile	31350	33000	34550	36050	38350	40850	43000	43800	45100	49850	53900	57700	58850	61150	59600	62650	64150	65200	54100
Median	29650	31350	32600	33750	35550	37500	39200	39700	40800	44100	47600	51650	52100	52700	51350	54750	55350	53750	44850
Lower Quartile	28750	30100	30750	30950	32900	34550	35700	36200	37300	39250	41350	44700	45900	45650	45900	47350	48000	46700	36950
Lower Decile	28200	28800	29150	28200	30900	31700	32700	33500	34650	35650	37600	40300	41000	40450	42200	40800	41650	39800	31800
Mean	30350	32050	33150	33800	36400	38600	39950	40500	41750	45000	48200	51800	53000	54050	53450	55850	57000	56700	46550
Supporting Data																			
Total Number	261	350	354	363	343	350	328	360	459	917	782	849	699	679	476	395	396	637	8998
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

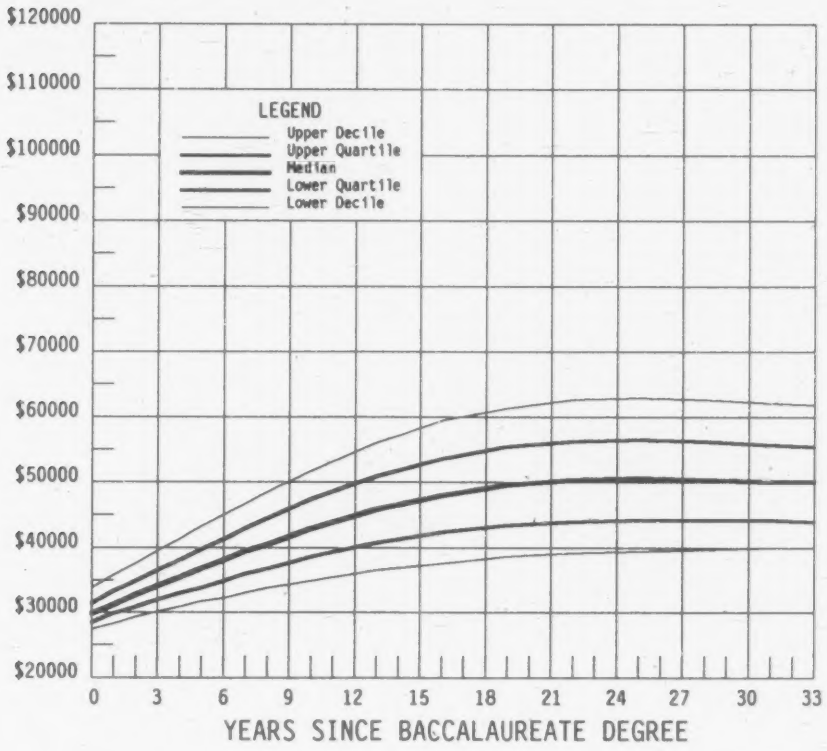
SALARY CURVES FOR ENGINEERS IN NEW ENGLAND SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: NEW ENGLAND, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	61750	61550	61600	61850	62300	63500	65900	68650	71400	73900	75900	77400	78400	79250	74050
Upper Quartile	0	0	0	0	49100	50550	52000	53400	54750	57300	60750	63700	66100	68000	69450	70450	71100	71700	66550
Median	0	0	0	0	41250	42950	44600	46250	47900	50950	55050	58350	60750	62300	63200	63500	63500	62950	59500
Lower Quartile	0	0	0	0	34700	36350	38050	39700	41300	44450	48750	52200	54750	56400	57250	57500	57350	56600	52650
Lower Decile	0	0	0	0	33600	34650	35700	36700	37700	39700	42500	44950	47000	48650	49800	50650	51100	51500	43350
Mean	0	0	0	0	42950	44500	46000	47450	48850	51500	55050	57950	60250	62000	63250	64150	64650	65100	59550
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	61200	63800	63200	60800	62750	62050	66950	67700	72250	75850	75250	76650	81400	80300	74050
Upper Quartile	0	0	0	0	50750	46250	54500	51900	57650	57250	61850	62250	65650	69900	68950	71350	72100	73800	66550
Median	0	0	0	0	39500	41750	43000	42800	50300	53550	55950	57100	59500	63300	62400	63300	64950	66250	59500
Lower Quartile	0	0	0	0	33750	37400	38600	38900	42400	43650	49200	52450	54850	55800	55950	58800	57550	59450	52650
Lower Decile	0	0	0	0	32700	36350	34950	36400	37900	39600	43800	43000	48200	50450	50050	50400	51350	52650	43350
Mean	0	0	0	0	42450	45200	46100	45700	50200	51500	55650	56950	60500	63150	62500	64600	66450	66700	59550
---------- Supporting Data ----------																			
Total Number	2	6	6	12	14	21	24	26	39	143	171	320	255	238	131	157	139	204	1898
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

SALARY CURVES FOR ENGINEERS IN NEW ENGLAND
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: NEW ENGLAND, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34000	35800	37600	39450	41300	43150	44950	46750	48500	51800	56100	59350	61450	62550	62850	62600	62100	60700	55550
Upper Quartile	31600	33200	34850	36500	38150	39750	41400	42950	44500	47350	51000	53700	55450	56300	56500	56200	55700	54450	49600
Median	29950	31300	32700	34050	35400	36750	38100	39350	40600	42900	45850	48050	49500	50300	50550	50500	50200	49400	41950
Lower Quartile	28650	29750	30850	31900	32950	34000	35000	36000	36900	38600	40750	42350	43400	44050	44300	44300	44200	43750	35300
Lower Decile	27500	28350	29250	30050	30850	31650	32400	33100	33750	35000	36500	37700	38550	39150	39550	39800	39900	40000	31100
Mean	30550	31900	33250	34600	35950	37250	38550	39800	41050	43300	46200	48400	49900	50750	51100	51100	50900	50250	43050
Raw (Unsmoothed) Statistics																			
Upper Decile	32900	34900	37400	37950	42300	47550	47350	47300	47900	53300	55450	58650	57900	59100	60500	60800	64050	65900	55550
Upper Quartile	31300	32900	34550	36000	38050	40650	42650	43600	44650	48200	51300	53450	53000	54150	54850	55350	58300	56700	49600
Median	29650	31300	32550	33650	35500	37300	38950	39500	40400	43350	45800	48450	49000	48800	48450	51000	51150	50900	41950
Lower Quartile	28750	30100	30750	30850	32850	34400	35500	36050	37050	38750	40150	43300	43300	42650	45000	44450	44500	43950	35300
Lower Decile	28200	28800	29150	28100	30850	31600	32550	33250	34550	35100	36550	38350	38900	39200	41100	38750	39200	38750	31100
Mean	30200	31900	33100	33700	36150	38250	39500	40100	41050	43800	46100	48750	48650	49100	50100	50200	51900	52150	43050
Supporting Data																			
Total Number	259	343	348	351	330	332	307	335	422	773	610	531	443	438	347	241	258	434	7100
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: NEW ENGLAND, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32600	34450	36400	38400	40450	42550	44650	46700	48800	52800	58250	62650	65750	67650	68450	68500	68050	66650	60450
Upper Quartile	31250	32800	34400	36050	37650	39300	40950	42550	44200	47300	51500	55000	57650	59500	60600	61100	61250	60950	51800
Median	29700	31050	32400	33800	35150	36550	37900	39200	40500	42950	46150	48750	50600	51800	52500	52750	52750	52350	42500
Lower Quartile	28500	29600	30700	31800	32850	33850	34850	35800	36700	38350	40550	42300	43700	44700	45400	45850	46150	46350	35400
Lower Decile	27400	28250	29100	29950	30750	31550	32300	33000	33700	35000	36650	38000	39000	39750	40250	40600	40800	40900	31100
Mean	30050	31400	32800	34200	35550	36950	38300	39650	41000	43500	46800	49500	51500	52850	53650	54000	54100	53850	44500
Raw (Unsmoothed) Statistics																			
Upper Decile	33000	33950	36200	37500	40700	43300	45700	47800	47900	53700	58350	62000	64050	67750	66350	68000	70500	68050	60450
Upper Quartile	31350	32700	34050	35700	37650	39750	41550	43550	43300	47750	51750	55550	56250	59000	58750	60850	61800	62950	51800
Median	29650	31200	32400	33500	35200	36700	38400	39450	39850	42950	45500	49800	50750	51750	51000	52850	54000	52700	42500
Lower Quartile	28750	30050	30650	30750	32650	34050	34900	36000	36600	38500	40050	43350	44700	43900	45350	46350	46950	45400	35400
Lower Decile	28200	28700	29050	27900	30700	31300	32350	33150	34350	35200	36450	39000	39600	39600	42000	39800	41050	39250	31100
Mean	30350	31500	32650	33250	35600	37350	38800	40150	40600	43700	46400	50200	51200	52550	52600	54050	55250	54400	44500
Supporting Data																			
Total Number	258	324	325	324	294	282	263	306	358	702	541	549	488	488	340	281	303	478	6899
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

1989 ENGINEERING SALARY STATISTICS: NEW ENGLAND, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50150	51850	53550	55250	56900	60050	64400	68150	71200	73600	75300	76500	77300	78100	72250
Upper Quartile	0	0	0	0	42850	44800	46750	48700	50600	54250	59200	63150	66050	67850	68800	69050	68900	68000	65200
Median	0	0	0	0	37400	39200	40950	42750	44500	47850	52450	56200	59000	60800	61750	62050	61950	61200	57500
Lower Quartile	0	0	0	0	34850	36150	37450	38750	40000	42450	45850	48850	51300	53200	54550	55500	56100	56550	49100
Lower Decile	0	0	0	0	33500	34250	35050	35900	36800	38600	41250	43700	45750	47350	48450	49200	49600	49900	41750
Mean	0	0	0	0	39550	41150	42750	44350	45900	48950	53000	56400	59000	60850	62000	62600	62850	62750	57500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	41000	44900	64200	61400	62000	60900	63600	66950	70350	74400	73350	76850	81350	80650	72250
Upper Quartile	0	0	0	0	39900	42900	47750	50250	51750	55800	59550	61450	64950	68750	68250	71000	71200	69650	65200
Median	0	0	0	0	38000	40250	40700	41900	43500	47650	54250	55000	58100	62100	61250	63400	62000	63400	57500
Lower Quartile	0	0	0	0	33250	37100	37500	38450	41400	42200	46900	47100	51400	54750	55800	57350	55250	57300	49100
Lower Decile	0	0	0	0	32500	36250	34600	36200	36500	37750	42600	42150	46250	49750	50200	47700	50400	49700	41750
Mean	0	0	0	0	36750	41300	44350	44650	46950	49200	53500	55100	58500	61900	61500	63450	64900	64350	57500
Supporting Data																			
Total Number	2	4	5	10	10	17	19	23	25	91	118	189	143	160	93	87	92	141	1223
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

1989 ENGINEERING SALARY STATISTICS: NEW ENGLAND, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33000	34750	36500	38250	40050	41850	43600	45350	47050	50300	54500	57800	60050	61300	61750	61700	61300	60150	54500
Upper Quartile	31350	32850	34400	35950	37500	39050	40550	42050	43450	46150	49650	52300	54100	55100	55450	55400	55050	54150	47900
Median	29900	31200	32450	33750	35000	36250	37500	38700	39850	42000	44750	46850	48350	49200	49600	49650	49550	49000	40250
Lower Quartile	28550	29600	30650	31700	32700	33650	34600	35500	36400	38000	40000	41500	42500	43100	43350	43350	43250	42850	34250
Lower Decile	27550	28350	29100	29900	30600	31350	32050	32700	33300	34500	35950	37100	37950	38550	38950	39200	39300	39400	30650
Mean	30200	31500	32800	34050	35350	36600	37850	39050	40200	42350	45100	47200	48650	49450	49800	49850	49650	49050	41700
Raw (Unsmoothed) Statistics																			
Upper Decile	32900	33950	36100	37500	40700	43200	45050	46900	46950	51650	53950	57050	57550	58150	59550	59950	63250	65050	54500
Upper Quartile	31300	32650	34050	35700	37550	39550	41250	43350	43000	46800	49000	52700	52800	53500	54300	54850	57650	55750	47900
Median	29650	31200	32350	33450	35200	36500	38250	39200	39600	42450	43850	47200	48750	47750	47500	50950	50850	50250	40250
Lower Quartile	28750	30000	30650	30650	32650	33850	34800	35800	36400	38150	39150	42200	42850	41800	44650	44300	43950	42650	34250
Lower Decile	28200	28700	29050	27850	30650	31200	32300	32900	34300	34850	35700	37350	38100	38800	41100	38450	38300	38550	30650
Mean	30200	31500	32600	33200	35600	37100	38450	39750	40150	42850	44350	47550	48300	48000	49300	49850	51050	50250	41700
Supporting Data																			
Total Number	256	322	320	314	284	266	245	283	334	609	425	359	347	330	249	193	210	337	5678
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: NEW ENGLAND, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	47700	49100	50500	51900	53250	54650	56000	58700	62500	65950	68900	71350	73250	74650	75600	76450	68950
Upper Quartile	0	0	42050	43350	44650	45950	47250	48550	49850	52300	55800	58950	61700	64050	65950	67500	68650	70300	59600
Median	0	0	37100	38450	39850	41200	42550	43850	45150	47550	50700	53300	55250	56600	57450	57900	58100	58050	50950
Lower Quartile	0	0	33400	34650	35850	37100	38250	39400	40500	42600	45250	47300	48750	49650	50100	50250	50200	49800	44000
Lower Decile	0	0	31250	32300	33300	34300	35300	36200	37100	38700	40750	42250	43250	43850	44050	44100	43950	43550	38150
Mean	0	0	38550	39800	41050	42300	43500	44700	45900	48100	51150	53750	55850	57450	58650	59450	60000	60600	52500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	50900	47300	51500	49750	54500	53600	56300	58350	64050	65100	69800	72500	70500	73850	78000	76650	68950
Upper Quartile	0	0	42250	41200	43850	48350	48900	46250	46750	54700	55800	59300	62150	63450	62100	65700	69750	73500	59600
Median	0	0	36500	36850	39500	42500	43100	41400	45100	49150	50500	54100	55550	54700	51750	60450	61800	59350	50950
Lower Quartile	0	0	33900	32250	34850	38550	39100	38250	41350	43050	45100	48100	47950	48350	47700	52000	50750	51000	44000
Lower Decile	0	0	31700	30700	32750	35550	36400	35600	37400	38450	40500	42600	43100	43450	43600	44450	45000	43600	38150
Mean	0	0	38900	37700	40800	43700	44450	42950	45300	48850	51350	54300	56000	56500	55000	60000	61800	62150	52500
Supporting Data																			
Total Number	3	26	27	39	50	69	65	52	96	199	189	267	154	177	125	104	90	152	1883
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

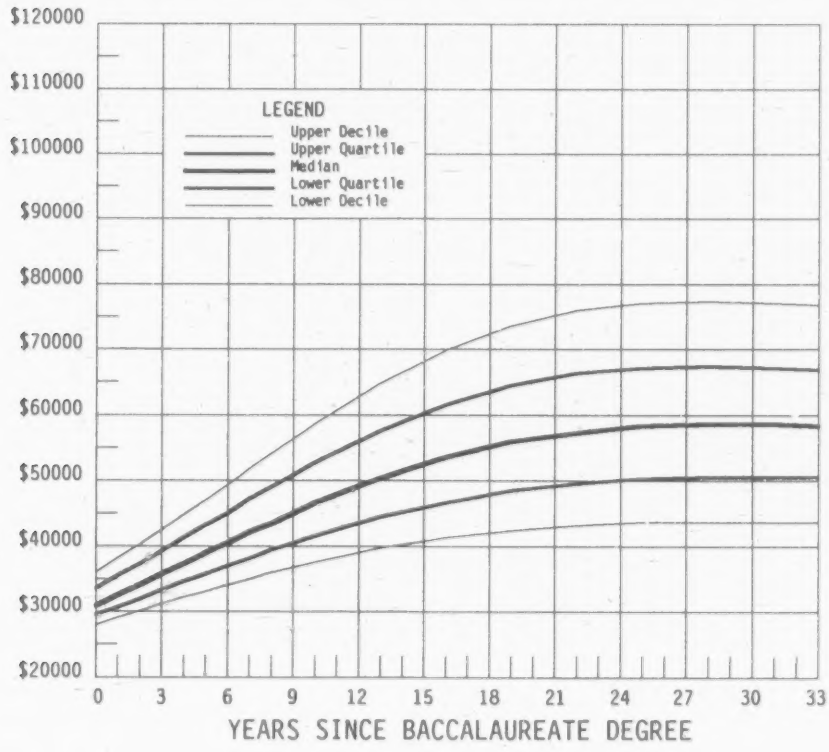
1989 ENGINEERING SALARY STATISTICS: NEW ENGLAND, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	58400	62800	68500	72700	75350	76550	76600	75950	75000	72700	75200
Upper Quartile	0	0	0	0	0	0	0	0	59500	59650	61850	64750	67400	69350	70550	71250	71550	71750	69550
Median	0	0	0	0	0	0	0	0	56550	56800	58050	59750	61450	63000	64150	64950	65450	65800	61950
Lower Quartile	0	0	0	0	0	0	0	0	53200	53450	54350	55650	57000	58250	59250	60000	60500	60950	56300
Lower Decile	0	0	0	0	0	0	0	0	44400	46350	48800	50600	51800	52450	52700	52650	52450	51850	51150
Mean	0	0	0	0	0	0	0	0	54650	55950	58150	60400	62300	63750	64800	65450	65800	66000	63000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	63050	62300	70400	69050	77100	77500	78950	75400	83000	75950	75200
Upper Quartile	0	0	0	0	0	0	0	0	61600	58100	65450	62550	68900	71550	72500	70650	73700	74850	69550
Median	0	0	0	0	0	0	0	0	58650	55200	61000	58500	62550	63450	63450	63000	67650	73000	61950
Lower Quartile	0	0	0	0	0	0	0	0	53000	53700	53400	56000	58250	57400	55500	60350	64000	66500	56300
Lower Decile	0	0	0	0	0	0	0	0	41600	46100	50250	51900	52200	50200	46700	54050	56800	57050	51150
Mean	0	0	0	0	0	0	0	0	55500	55150	60100	59250	63550	63750	63650	65600	69300	70550	63000
Supporting Data																			
Total Number	0	2	1	2	4	4	5	3	12	47	46	109	69	75	38	64	44	63	582
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: NEW ENGLAND, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	46750	47600	48450	49300	50150	51000	51900	53650	56250	58850	61400	63800	66050	68100	69850	72800	58750
Upper Quartile	0	0	41800	42950	44100	45200	46250	47300	48300	50150	52550	54450	55950	57050	57750	58200	58500	58700	52500
Median	0	0	36850	38100	39350	40550	41750	42850	43900	45850	48200	49900	50950	51500	51600	51500	51200	50500	47250
Lower Quartile	0	0	33450	34550	35650	36700	37700	38700	39650	41350	43500	45050	46150	46750	47000	47050	46900	46450	41350
Lower Decile	0	0	31350	32300	33200	34100	34950	35800	36550	37900	39550	40650	41300	41600	41600	41450	41200	40600	36400
Mean	0	0	38200	39250	40300	41300	42300	43300	44200	45950	48250	50100	51550	52600	53350	53800	54100	54350	47850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	48200	44450	47600	49350	52450	51650	49000	55800	56300	61400	59350	60600	63450	62400	70000	77000	58750
Upper Quartile	0	0	41500	40400	42850	47950	48400	45400	46300	52300	52250	54950	55000	55300	56450	57000	59750	59150	52500
Median	0	0	36000	36500	38750	41650	42900	40900	44300	46700	48550	50400	50200	50100	49100	50000	51500	51900	47250
Lower Quartile	0	0	33750	32100	34500	38400	38600	38050	40600	41700	43500	45300	44600	45900	47200	44400	47450	46800	41350
Lower Decile	0	0	31600	30700	32650	35400	36200	35450	37100	37150	39350	40950	41450	41800	41600	39700	41400	40000	36400
Mean	0	0	38150	36950	39450	42600	43750	42300	43850	45900	48550	51100	50250	50850	51500	51150	54500	56000	47850
Supporting Data																			
Total Number	3	24	26	37	46	65	59	49	83	153	144	158	88	101	88	38	45	90	1299
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

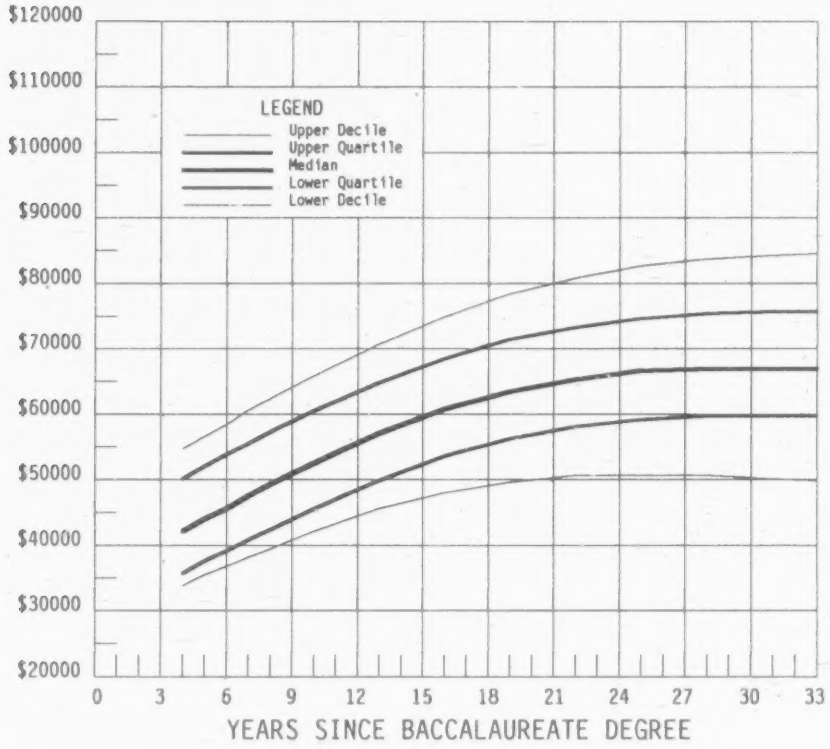
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36050	38150	40300	42500	44750	47050	49400	51700	54050	58550	64700	69800	73550	75900	77000	77300	77000	75700	67450
Upper Quartile	33700	35500	37400	39300	41250	43200	45150	47100	49050	52750	57700	61700	64600	66350	67200	67350	67100	66000	57700
Median	31050	32600	34150	35750	37350	38950	40500	42100	43600	46550	50450	53650	55950	57450	58300	58550	58550	58000	48250
Lower Quartile	29550	30800	32050	33300	34550	35800	37000	38200	39350	41550	44400	46750	48450	49600	50300	50650	50750	50550	39650
Lower Decile	28050	29100	30150	31150	32150	33150	34100	35050	35900	37550	39700	41350	42500	43250	43650	43850	43850	43650	33750
Mean	31800	33350	34900	36500	38100	39750	41350	42900	44450	47450	51400	54650	57050	58600	59500	59850	59900	59400	49750
Raw (Unsmoothed) Statistics																			
Upper Decile	33450	37550	40850	43750	46000	46900	51000	52700	55500	59200	63400	67000	71450	75650	77650	78350	77750	77000	67450
Upper Quartile	31850	34000	38700	40150	41850	43100	46750	48300	50650	53450	56600	59000	62650	66150	68450	68000	67450	67150	57700
Median	30750	31850	34900	35700	37050	39050	40900	41850	45050	47050	50150	52450	55000	57600	58300	59650	58450	58300	48250
Lower Quartile	29300	30300	32700	33300	34500	36000	37750	37500	39700	41500	44600	45950	47800	50150	50800	51650	50600	50250	39650
Lower Decile	28100	28700	30800	31350	32200	33600	33600	34200	35200	38100	40250	40500	41800	44450	43100	45200	44150	43050	33750
Mean	30800	32450	35750	36950	38350	39700	42150	43000	45250	48000	51050	52900	55900	59000	59950	60850	59750	59850	49750
Supporting Data																			
Total Number	796	1055	1118	1200	1309	1299	1418	1395	1539	3674	3206	2905	2416	2136	1739	1676	1403	2650	32932
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	16	20
Less Than $22000	3	29	4	2	0	0	1	1	0	1	0	0	0	1	0	1	2	0	44

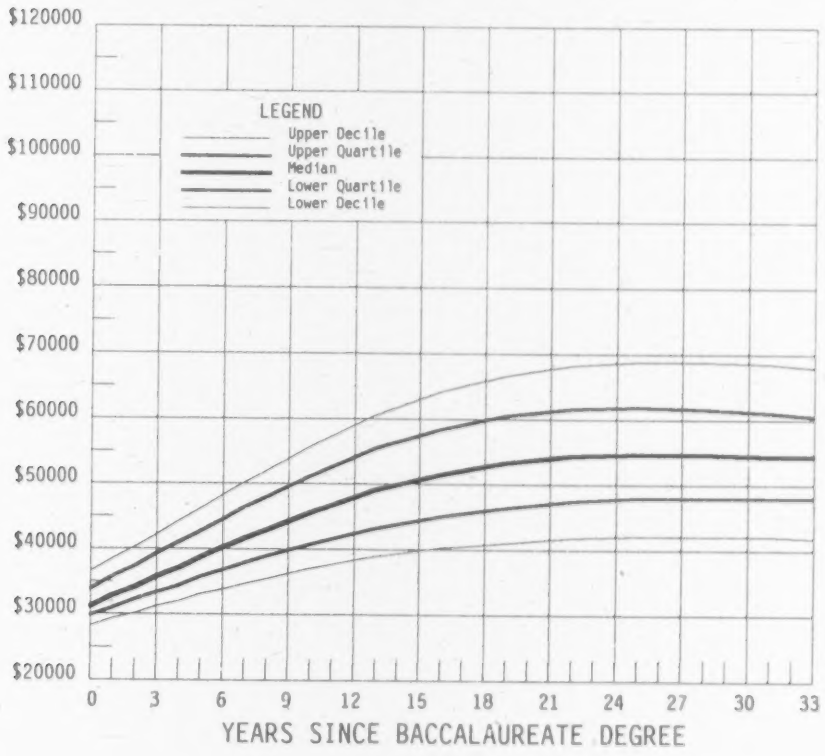
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	54650	56600	58500	60450	62300	65900	70800	74950	78300	80800	82600	83750	84400	85000	79100
Upper Quartile	0	0	0	0	50150	51950	53750	55500	57200	60500	64900	68500	71350	73350	74650	75400	75750	75850	70650
Median	0	0	0	0	42100	43900	45700	47500	49250	52600	57100	60850	63600	65450	66550	67000	67050	66600	62200
Lower Quartile	0	0	0	0	35850	37500	39150	40800	42450	45600	49950	53600	56300	58150	59250	59700	59750	59300	53400
Lower Decile	0	0	0	0	33850	35350	36800	38200	39600	42200	45550	48050	49700	50550	50800	50600	50200	49100	45900
Mean	0	0	0	0	43700	45400	47050	48700	50350	53450	57650	61150	63900	65900	67200	67950	68300	68400	62550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	63250	48600	58900	62250	65150	68500	69900	72750	77950	81900	84550	84250	83450	84550	79100
Upper Quartile	0	0	0	0	61150	42550	53650	58450	62150	62850	63850	66950	71300	73250	75850	76050	75500	75600	70650
Median	0	0	0	0	50750	37550	41500	47900	57250	54800	57400	58900	63300	64400	68800	67650	66300	66750	62200
Lower Quartile	0	0	0	0	36850	35150	33500	42450	47150	47900	49300	53050	56850	55750	61200	60300	58400	60050	53400
Lower Decile	0	0	0	0	34100	34400	32550	40050	41400	43300	45650	47600	50250	49650	50600	52200	46800	50450	45900
Mean	0	0	0	0	49250	40150	43900	50000	54750	55500	57350	59750	63900	65400	68750	68400	66650	68900	62550
Supporting Data																			
Total Number	8	3	27	39	21	83	100	91	126	641	716	975	772	898	595	641	522	845	7104
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	16	19
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3

SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36450	38350	40300	42250	44250	46200	48200	50150	52050	55700	60450	64200	66750	68200	68800	68800	68400	67150	60000
Upper Quartile	33850	35600	37400	39200	41000	42800	44600	46350	48050	51300	55400	58500	60500	61550	61800	61500	61000	59600	53300
Median	31200	32700	34200	35700	37200	38650	40150	41550	42950	45550	48950	51500	53300	54300	54750	54750	54500	53700	45150
Lower Quartile	29850	31000	32150	33350	34450	35600	36700	37750	38800	40700	43200	45100	46500	47400	47900	48100	48100	47850	38050
Lower Decile	28250	29250	30200	31150	32100	33000	33850	34700	35500	37000	38800	40200	41150	41750	42000	42100	42000	41750	32800
Mean	31950	33400	34900	36350	37850	39300	40750	42150	43500	46050	49350	51900	53700	54800	55300	55350	55200	54550	46200
Raw (Unsmoothed) Statistics																			
Upper Decile	33400	37500	40700	43150	45750	46850	50400	52000	53850	56000	59550	59750	63750	66100	70500	68400	69850	70000	60000
Upper Quartile	31850	34000	38550	39750	41750	43200	46550	47900	49750	51900	54550	55300	57800	60100	60750	62100	61400	62450	53300
Median	30750	31850	34900	35600	37000	39150	40900	41350	44550	45700	48800	49950	52100	54100	54950	55000	55050	54350	45150
Lower Quartile	29350	30300	32650	33250	34500	36150	37900	37300	39300	40750	43350	44100	45150	47350	47850	49450	48400	48050	38050
Lower Decile	28100	28700	30800	31250	32200	33350	34000	34000	35000	37600	39300	38600	40800	42250	41650	44300	42200	41250	32800
Mean	30800	32400	35700	36550	38200	39650	42000	42500	44350	46400	49250	49450	52200	54350	55450	56150	55700	55600	46200
Supporting Data																			
Total Number	788	1052	1090	1162	1288	1217	1316	1307	1410	3037	2485	1930	1647	1235	1147	1035	880	1805	25830
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Less Than $22000	3	29	2	2	0	0	1	1	0	1	0	0	0	0	0	1	1	0	41

1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34250	36100	37950	39900	41850	43850	45850	47900	49900	53800	59200	63800	67400	69900	71400	72150	72400	72050	62600
Upper Quartile	32100	33700	35300	36950	38600	40300	41950	43600	45250	48450	52850	56550	59450	61550	62900	63650	64000	63950	53100
Median	30750	32050	33400	34700	36050	37350	38650	39950	41200	43650	46950	49700	51850	53450	54550	55250	55600	55800	43750
Lower Quartile	29500	30550	31650	32700	33750	34800	35800	36800	37750	39550	41950	43900	45400	46500	47250	47700	47950	48100	36500
Lower Decile	27950	28850	29750	30650	31500	32350	33200	34000	34750	36150	37950	39400	40450	41150	41600	41850	41950	41900	32050
Mean	31050	32[illegible]0	33750	35100	36500	37850	39200	40550	41850	44350	47800	50700	53000	54700	55800	56550	56900	57150	45900
Raw (Unsmoothed) Statistics																			
Upper Decile	33300	35700	39950	40400	40950	43550	45750	48550	50750	54550	58700	62800	66100	69450	71000	71850	73250	72950	62600
Upper Quartile	31800	33600	35750	36950	37950	40400	42050	43750	46450	49000	52900	55350	59050	60900	61200	64850	64550	64600	53100
Median	30700	31650	34100	34600	35550	37900	39200	39450	42300	43300	47200	48750	51350	54050	54450	57300	56000	55300	43750
Lower Quartile	29300	30200	32100	32750	33900	35200	36050	36250	37500	39600	42550	43350	44250	47950	45600	49900	47200	48300	36500
Lower Decile	28100	28600	30400	30600	31550	32300	32700	33300	34400	36850	38400	38000	40150	42350	41550	44250	41800	41250	32050
Mean	30700	32000	34600	35350	36250	37950	39300	40250	42350	44700	47900	49550	52400	55350	55100	58150	56750	57250	45900
Supporting Data																			
Total Number	784	981	803	889	951	941	916	937	906	2220	1706	1645	1334	1130	916	851	887	1840	20635
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	14	16
Less Than $22000	3	29	4	2	0	0	1	1	0	1	0	0	0	1	0	0	2	0	43

1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	45850	48000	50150	52350	54550	58800	64900	70200	74500	77750	79950	81300	82000	82300	74900
Upper Quartile	0	0	0	0	42850	44650	46400	48200	49950	53350	58150	62250	65600	68100	69850	70950	71550	72000	66000
Median	0	0	0	0	37250	38900	40550	42200	43850	47050	51500	55350	58500	60800	62350	63350	63850	64100	57300
Lower Quartile	0	0	0	0	34550	35950	37350	38750	40100	42800	46500	49600	52100	53950	55200	55950	56350	56600	48700
Lower Decile	0	0	0	0	33400	34650	35950	37150	38350	40600	43500	45700	47250	48100	48500	48500	48300	47650	43200
Mean	0	0	0	0	39200	40800	42350	43950	45500	48550	52750	56450	59450	61700	63350	64400	65000	65550	58350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	62600	43850	47400	53000	61450	61050	63300	69500	73200	79150	80550	82400	81100	82350	74900
Upper Quartile	0	0	0	0	60500	41700	44300	47600	53950	54150	57600	62850	64950	67100	71500	70950	70950	72400	66000
Median	0	0	0	0	38000	36700	38350	43450	47200	49000	50500	55650	58600	58800	62600	64650	63050	64800	57300
Lower Quartile	0	0	0	0	35500	35050	33100	41400	42000	44450	46900	49050	52150	52800	53300	58050	56250	57050	48700
Lower Decile	0	0	0	0	33400	34400	32400	39000	39100	41550	44700	45150	46550	48750	45300	51850	45400	48800	43200
Mean	0	0	0	0	45800	38800	39000	45000	48550	50050	52450	56550	59100	60800	62900	65900	63100	66600	58350
Supporting Data																			
Total Number	7	2	26	37	14	77	75	60	59	346	388	543	413	489	277	322	339	594	4067
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	14	15
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3

1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34350	36100	37850	39650	41500	43300	45100	46900	48650	52000	56400	59950	62450	64000	64700	64900	64700	63800	56500
Upper Quartile	32250	33750	35300	36850	38400	39900	41450	42950	44400	47200	50900	53850	56000	57400	58150	58450	58400	57900	49050
Median	30950	32200	33450	34700	35900	37150	38300	39500	40600	42750	45550	47800	49500	50600	51300	51650	51800	51650	41100
Lower Quartile	29650	30700	31700	32700	33650	34600	35550	36400	37300	38850	40900	42500	43700	44500	44950	45200	45250	45200	35250
Lower Decile	28050	28950	29800	30650	31450	32250	33000	33700	34400	35650	37250	38450	39300	39800	40100	40250	40250	40050	31400
Mean	31100	32400	33700	34950	36250	37500	38750	39950	41100	43350	46200	48500	50200	51350	52000	52300	52350	52150	42850
Raw (Unsmoothed) Statistics																			
Upper Decile	33300	35700	39400	39400	40850	43550	45550	48250	49850	53200	56000	56350	61700	62050	62350	65050	66450	66000	56500
Upper Quartile	31800	33600	35700	36550	37900	40350	41900	43400	46100	47450	51200	51500	54750	56600	57900	59850	58700	58950	49050
Median	30700	31650	34050	34500	35550	37950	39200	39100	42050	42550	45950	46000	48200	50600	52100	52950	52100	52050	41100
Lower Quartile	29300	30200	32050	32650	33900	35250	36350	36100	37200	39100	41500	40800	42800	45000	43800	46450	45600	45800	35250
Lower Decile	28100	28600	30450	30500	31500	32050	32850	33200	34300	36600	37550	36200	39450	40250	40750	41650	40400	39850	31400
Mean	30700	32000	34450	34750	36100	37900	39300	39900	41900	43750	46600	46100	49400	51150	51800	53500	52850	52800	42850
Supporting Data																			
Total Number	777	979	778	852	937	865	840	878	847	1876	1318	1103	923	639	639	530	549	1245	16569
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Less Than $22000	3	29	2	2	0	0	1	1	0	1	0	0	0	0	0	0	1	0	40

1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	43750	45950	48150	50350	52600	54800	57000	61250	67100	71950	75650	78100	79550	80200	80300	79700	71250
Upper Quartile	0	0	42000	43750	45500	47250	49000	50700	52350	55600	60000	63650	66550	68600	70000	70800	71150	71300	61250
Median	0	0	40600	41900	43250	44550	45850	47050	48300	50550	53600	56100	58050	59500	60500	61150	61500	61800	52450
Lower Quartile	0	0	37900	38950	40000	41050	42050	43000	43900	45650	48000	49900	51400	52500	53300	53850	54150	54500	45400
Lower Decile	0	0	35050	35950	36800	37650	38450	39200	40000	41400	43250	44750	45950	46900	47550	47950	48250	48550	40250
Mean	0	0	40100	41500	42950	44400	45800	47150	48500	51050	54450	57250	59500	61100	62200	62850	63250	63500	54300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41750	46150	49050	49250	53050	55650	58850	63650	64800	69600	74450	79000	81450	79950	79700	81300	71250
Upper Quartile	0	0	40300	43400	46150	46800	50000	51900	53600	56800	58450	61500	66500	69350	71400	70500	70800	72350	61250
Median	0	0	38950	41500	43650	44200	47300	48050	49250	51600	52050	55000	57300	60000	63150	59850	61650	62700	52450
Lower Quartile	0	0	36100	39100	41250	40000	43150	43300	44650	46800	46200	49500	51950	52000	54600	52050	56400	55100	45400
Lower Decile	0	0	33350	36500	38500	36800	38700	39250	39500	42650	42150	44850	46000	46400	48250	46200	50200	49400	40250
Mean	0	0	38650	41400	43800	43700	46750	47800	48850	52400	52850	56150	59200	61900	63750	61750	63550	64300	54300
Supporting Data																			
Total Number	13	74	309	306	352	332	456	392	511	1148	1087	895	758	712	517	623	368	645	9494
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	64950	65700	66600	68850	72700	76650	80250	83100	85200	86600	87400	87950	80700
Upper Quartile	0	0	0	0	0	0	62100	62850	63600	65300	68050	70800	73300	75400	77100	78300	79100	79750	73050
Median	0	0	0	0	0	0	60200	60250	60300	60950	62500	64400	66300	68050	69450	70450	71150	71750	65750
Lower Quartile	0	0	0	0	0	0	56200	56300	56650	57000	57500	58000	59650	61300	62650	63750	64450	65100	59750
Lower Decile	0	0	0	0	0	0	51000	51050	51100	51200	51300	51400	51600	52150	52900	53800	54650	56350	53900
Mean	0	0	0	0	0	0	59850	59950	60050	60750	62550	64750	66900	68850	70400	71500	72200	72750	66850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	63500	63650	65950	70800	72100	73750	79650	89500	87000	83700	84500	87550	80700
Upper Quartile	0	0	0	0	0	0	59900	62250	63300	66650	67500	69200	73800	77150	77300	77500	78950	79200	73050
Median	0	0	0	0	0	0	57100	59850	60750	62050	62350	62250	67900	69400	70000	68750	70250	72350	65750
Lower Quartile	0	0	0	0	0	0	54750	57250	57450	57000	56750	56000	61550	60750	65550	62650	64450	64150	59750
Lower Decile	0	0	0	0	0	0	53500	55100	52600	51950	52600	49950	57050	49950	61300	43600	58900	60750	53900
Mean	0	0	0	0	0	0	58000	59650	59900	61850	62150	62850	68350	70100	72450	68700	71400	73400	66850
Supporting Data																			
Total Number	1	1	1	2	8	7	25	31	66	276	256	333	270	294	206	250	139	209	2376
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44450	45950	47400	48900	50350	51800	53200	55950	59800	63200	66100	68450	70300	71700	72750	74100	61600
Upper Quartile	0	0	42650	44000	45300	46600	47900	49100	50300	52550	55550	58050	60000	61450	62450	63100	63500	63850	55100
Median	0	0	40900	42000	43100	44200	45200	46200	47200	48950	51300	53200	54600	55650	56350	56800	57050	57200	49400
Lower Quartile	0	0	38150	39050	39900	40700	41500	42300	43050	44450	46300	47850	49150	50150	50900	51450	51850	52300	43500
Lower Decile	0	0	35350	36050	36750	37450	38100	38700	39300	40450	41950	43200	44250	45050	45700	46150	46500	46950	39200
Mean	0	0	40450	41550	42650	43700	44750	45750	46700	48550	51050	53150	54900	56250	57250	58000	58500	59100	50150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41650	45950	48400	49050	52050	53350	54950	56250	58900	60150	65200	67100	76350	70750	72500	74450	61600
Upper Quartile	0	0	40300	43350	45950	46600	49550	51000	51950	53300	54350	56550	58100	61850	63500	61200	62900	65950	55100
Median	0	0	38950	41450	43500	44100	47000	47400	48300	49700	50200	51900	53800	56150	56250	54800	58050	58500	49400
Lower Quartile	0	0	36100	39100	41200	39850	42800	42750	44000	45350	44900	47250	49300	48900	51650	50600	52850	52800	43500
Lower Decile	0	0	33350	36500	38400	36750	38500	39050	39050	41700	41400	43050	43500	43500	44300	47000	48050	47300	39200
Mean	0	0	38600	41300	43450	43400	46050	46800	47200	49400	50000	52150	54200	56050	58050	56800	58900	59900	50150
Supporting Data																			
Total Number	12	73	308	304	342	325	432	361	446	872	832	560	489	416	311	370	227	437	7121
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	57300	58000	58900	59950	62550	67050	71750	76050	79600	82200	83950	84950	85700	77000
Upper Quartile	0	0	0	0	0	54300	55000	55800	56700	58700	62100	65600	68900	71850	74200	75900	77050	78050	68750
Median	0	0	0	0	0	52050	52450	52950	53550	54950	57400	59900	62350	64400	66100	67300	68100	68800	59850
Lower Quartile	0	0	0	0	0	48050	48850	49600	50350	51800	53750	55450	56900	58050	58900	59550	60000	60450	54550
Lower Decile	0	0	0	0	0	43100	44200	45250	46250	48100	50400	52050	53150	53750	54000	54000	53800	53300	50950
Mean	0	0	0	0	0	51050	51850	52700	53600	55450	58300	61050	63550	65650	67300	68450	69200	69900	62300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	57850	58200	60700	59300	61400	67900	71750	76800	79000	82150	83500	84750	88350	77000
Upper Quartile	0	0	0	0	0	54950	55250	55700	56150	58400	63400	64000	69300	71600	74950	76000	77350	79550	68750
Median	0	0	0	0	0	51800	52900	53150	52500	55250	58400	58550	60900	65600	68700	67250	66200	69650	59850
Lower Quartile	0	0	0	0	0	46150	50400	50450	49100	52100	54250	54850	55850	59300	58800	61650	57400	62500	54550
Lower Decile	0	0	0	0	0	44850	48000	48050	40350	49050	51000	52100	52850	54800	52450	55300	51950	56200	50950
Mean	0	0	0	0	0	51250	53000	53450	51850	55350	59400	60100	62850	66250	68050	69350	67750	71450	62300
Supporting Data																			
Total Number	0	0	3	5	7	26	47	68	121	309	411	365	327	295	307	204	148	166	2804
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

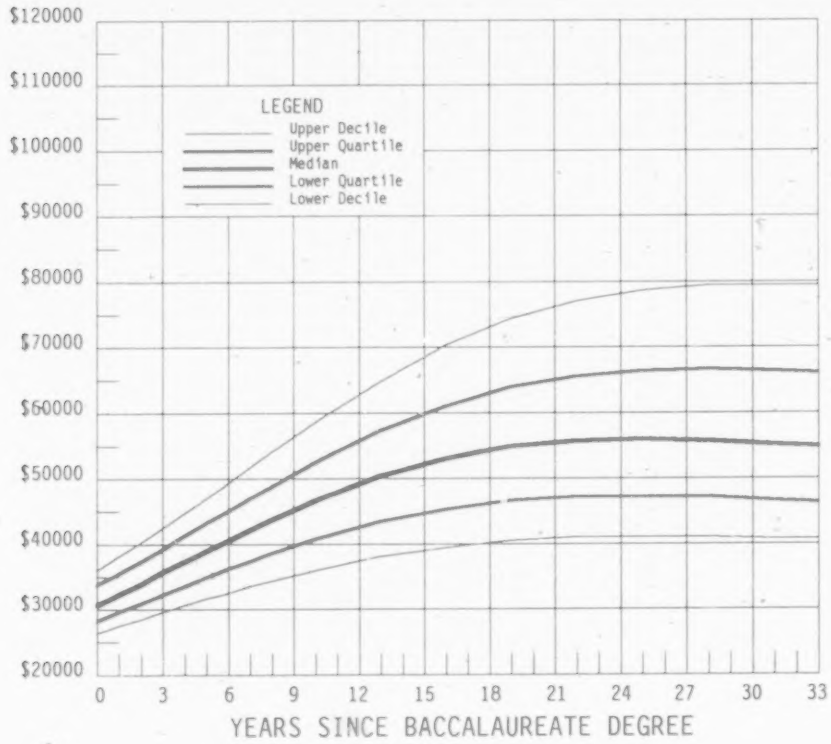
1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	70300	74000	77450	80650	83550	86000	88050	89650	91850	83900
Upper Quartile	0	0	0	0	0	0	0	0	0	65800	69600	73000	76000	78550	80650	82300	83600	85500	78100
Median	0	0	0	0	0	0	0	0	0	62050	65250	68150	70750	73000	74950	76550	77850	79800	72500
Lower Quartile	0	0	0	0	0	0	0	0	0	58900	60600	63250	66150	68900	71150	72800	73850	74700	66950
Lower Decile	0	0	0	0	0	0	0	0	0	57000	57250	59050	61650	64250	66500	68100	69150	69900	61450
Mean	0	0	0	0	0	0	0	0	0	62600	65550	68500	71300	73900	76100	77850	79200	80700	72900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	68800	75200	77000	80200	82650	87650	88650	87500	89700	83900
Upper Quartile	0	0	0	0	0	0	0	0	0	65500	69550	72950	77250	77650	80750	82350	83000	84100	78100
Median	0	0	0	0	0	0	0	0	0	62000	64850	68200	72650	71650	74850	76650	78000	78350	72500
Lower Quartile	0	0	0	0	0	0	0	0	0	58500	62000	60650	68000	69200	72450	72250	73350	70750	66950
Lower Decile	0	0	0	0	0	0	0	0	0	55700	60450	54700	64700	64600	68350	67850	68000	65050	61450
Mean	0	0	0	0	0	0	0	0	0	62300	66400	66900	73050	73150	76800	78350	77800	78600	72900
Supporting Data																			
Total Number	0	0	0	0	0	0	1	0	2	18	74	100	88	116	112	68	40	43	663
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58650	58800	59150	59600	60800	63250	66150	69300	72450	75300	77750	79600	81850	70250
Upper Quartile	0	0	0	0	0	55300	55600	56000	56450	57600	59650	61850	64100	66150	67900	69300	70300	71400	62850
Median	0	0	0	0	0	52000	52500	53000	53550	54600	56200	57750	59200	60500	61550	62400	63050	63750	57500
Lower Quartile	0	0	0	0	0	48300	49000	49650	50300	51500	53000	54250	55250	56000	56550	56950	57200	57550	53400
Lower Decile	0	0	0	0	0	43300	44300	45300	46200	47800	49750	51150	52050	52500	52650	52600	52400	51900	50300
Mean	0	0	0	0	0	51500	52100	52750	53400	54650	56600	58500	60200	61750	63050	64050	64800	65650	59000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	57850	58200	60700	58650	59950	66200	64100	68750	71250	75500	75800	81600	87350	70250
Upper Quartile	0	0	0	0	0	54950	55250	55700	55700	58000	61100	60400	62500	65650	70900	67800	70100	74600	62850
Median	0	0	0	0	0	51800	52900	53150	52300	54950	56950	57300	58050	61050	61550	63750	60950	67150	57500
Lower Quartile	0	0	0	0	0	46150	50400	50450	48750	51850	53500	54200	54500	56700	55200	59000	55000	60900	53400
Lower Decile	0	0	0	0	0	44850	48000	48050	40250	48850	50500	51100	51650	53500	51450	53400	51150	54600	50300
Mean	0	0	0	0	0	51250	53000	53450	51400	54900	57900	57650	59050	62100	63300	64500	63850	68850	59000
Supporting Data																			
Total Number	0	0	3	5	7	26	47	68	117	290	338	266	237	181	197	134	107	122	2141
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

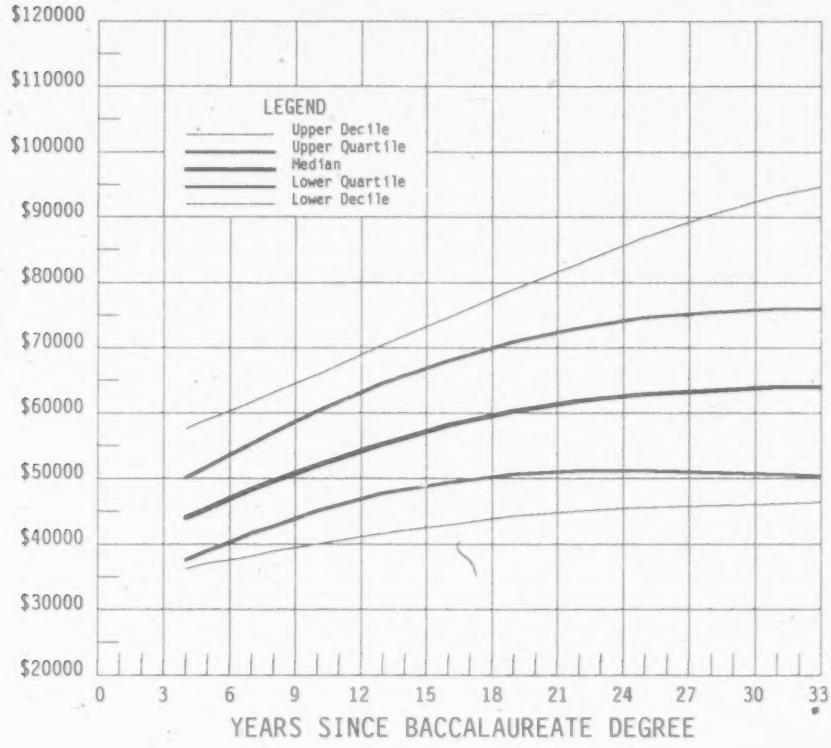
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36100	38200	40300	42500	44750	47050	49350	51700	54000	58550	64900	70300	74400	77200	78800	79450	79550	78700	66050
Upper Quartile	33750	35550	37400	39300	41200	43150	45050	46950	48850	52450	57250	61150	63900	65650	66450	66600	66350	65300	55250
Median	30750	32350	33950	35600	37250	38900	40500	42100	43650	46600	50300	53100	54900	55800	56000	55700	55200	53980	46000
Lower Quartile	28350	29650	31000	32300	33600	34900	36200	37400	38600	40750	43450	45450	46650	47250	47300	47100	46700	45750	37900
Lower Decile	26500	27550	28600	29650	30650	31650	32650	33550	34450	36100	38100	39550	40500	41000	41150	41050	40850	40300	32300
Mean	31200	32750	34350	35950	37550	39200	40800	42400	43950	46950	50950	54200	56550	58050	58850	59100	59050	58450	48150
Raw (Unsmoothed) Statistics																			
Upper Decile	33400	37950	40550	43400	45850	48100	51150	52800	55850	59550	64650	66800	70650	75500	77150	79700	81450	84350	66050
Upper Quartile	31800	33950	38500	39950	41450	44550	47050	48750	50600	53450	56300	58650	60400	64500	65500	67550	67250	69350	55250
Median	30250	30950	34400	35750	37250	39450	41700	42950	44650	47650	50100	51550	51950	56100	55050	57250	56600	55100	46000
Lower Quartile	27300	28950	31050	33200	33800	35300	36850	37950	39400	41700	43100	44200	43550	49750	45350	48800	48050	46400	37900
Lower Decile	25200	27400	28150	31000	30850	32100	32700	34600	34700	37200	37250	38900	37750	44300	39950	41400	38750	42250	32300
Mean	29750	31900	34600	36550	37950	39700	41900	43500	45200	48200	50600	52250	53150	58450	57500	59500	59600	61650	48150
Supporting Data																			
Total Number	949	976	1105	1238	1392	1077	1278	1228	1297	2961	2738	2457	2287	1688	1389	1155	893	1600	27711
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	8	11	60	91
Less Than $22000	58	0	29	12	1	12	1	0	0	0	0	0	0	0	0	0	0	0	113

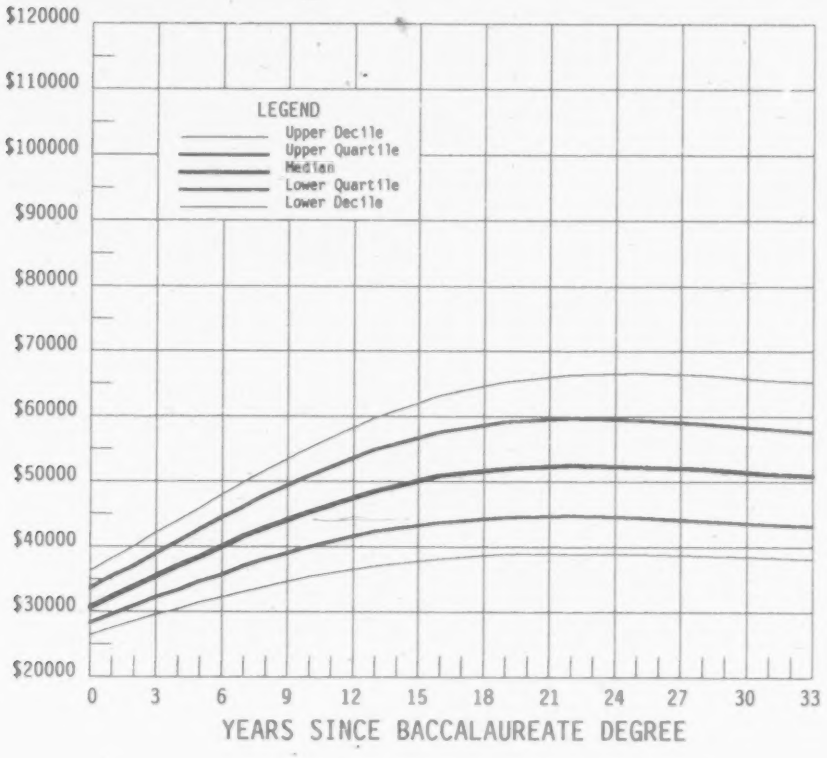
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	57550	58950	60300	61700	63100	65950	70300	74650	78900	83000	86900	90400	93450	98650	79300
Upper Quartile	0	0	0	0	50100	51850	53600	55300	56950	60150	64500	68100	71000	73100	74550	75500	76000	76400	69050
Median	0	0	0	0	44050	45450	46850	48200	49500	52000	55300	58100	60200	61800	62850	63550	63900	64150	57800
Lower Quartile	0	0	0	0	37700	39050	40350	41600	42750	44950	47600	49450	50600	51150	51200	50950	50550	49550	47850
Lower Decile	0	0	0	0	36350	37000	37650	38250	38850	40050	41650	43000	44150	45000	45600	46000	46250	46450	42000
Mean	0	0	0	0	45100	46450	47750	49000	50250	52700	56050	59050	61550	63650	65300	66550	67450	68700	60250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	56400	55600	59500	58000	64850	68550	72900	73100	77200	82700	86700	88100	89950	102900	79300
Upper Quartile	0	0	0	0	50150	49950	54450	51350	60100	62200	65550	66400	69300	73300	75350	77600	76400	76050	69050
Median	0	0	0	0	44800	46700	48050	43900	51050	53050	56650	57550	57800	62100	64600	65900	63800	63500	57800
Lower Quartile	0	0	0	0	37900	42700	41950	37150	45800	45650	48400	48900	46400	54400	52700	53850	55050	47000	47850
Lower Decile	0	0	0	0	34600	39100	38050	36050	41500	41150	40900	42650	42250	48600	45000	47800	49100	44150	42000
Mean	0	0	0	0	44700	46800	48500	44800	52700	54200	57500	58200	58800	64750	66000	67800	68550	68250	60250
Supporting Data																			
Total Number	20	16	29	31	78	85	101	239	194	686	849	852	946	775	553	472	411	834	7170
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	7	11	56	84
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36250	38150	40100	42050	44050	46000	47950	49850	51700	55200	59700	63100	65250	66350	66600	66300	65700	64150	57650
Upper Quartile	33550	35350	37200	39000	40850	42650	44450	46200	47900	51050	54950	57700	59250	59800	59600	59000	58150	56350	51000
Median	30750	32300	33850	35400	36950	38500	40000	41500	42900	45450	48650	50850	52100	52550	52400	51900	51200	49750	42800
Lower Quartile	28350	29600	30900	32200	33450	34650	35850	37000	38050	40000	42300	43850	44600	44800	44600	44100	43550	42350	35800
Lower Decile	26450	27500	28500	29500	30450	31400	32300	33100	33900	35350	37050	38200	38800	39000	38950	38650	38350	37600	31150
Mean	31050	32550	34100	35600	37150	38650	40150	41550	42950	45500	48700	51000	52350	53000	53000	52650	52150	50900	43950
Raw (Unsmoothed) Statistics																			
Upper Decile	33350	37800	40500	43200	45150	46950	50150	52300	53700	55600	57900	59950	61050	64850	64750	67750	67250	70550	57650
Upper Quartile	31800	33950	38450	39700	40850	43900	46500	48100	49400	51800	53250	55100	55600	59300	58850	59900	58900	60500	51000
Median	30200	30950	34350	35650	37050	39000	41200	42850	43450	46400	48000	48750	49450	53150	51250	53700	51350	51600	42800
Lower Quartile	27250	28900	30950	33200	33600	35050	36450	38450	38850	40800	41350	42500	41600	47500	42750	45500	41150	45350	35800
Lower Decile	25050	27350	28100	30900	30800	31850	32450	34450	33700	36750	35300	37500	36900	39700	39100	38900	36300	40050	31150
Mean	29550	31850	34400	36400	37500	39150	41350	43200	43900	46400	47500	49100	49150	53100	51850	53700	52150	54450	43950
Supporting Data																			
Total Number	929	960	1077	1206	1313	996	1176	990	1102	2277	1889	1605	1340	914	830	681	482	763	20538
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	6
Less Than $22000	58	0	29	12	1	12	1	0	0	0	0	0	0	0	0	0	0	0	113

1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34200	36050	37900	39850	41800	43800	45850	47900	49950	54000	59800	65000	69250	72500	74750	76200	77000	77500	61200
Upper Quartile	32150	33700	35300	36950	38600	40250	41900	43550	45150	48300	52650	56250	59100	61100	62350	63050	63300	63250	50650
Median	30200	31600	32950	34300	35700	37050	38350	39650	40900	43250	46300	48650	50250	51250	51700	51750	51600	51000	41750
Lower Quartile	28050	29200	30300	31400	32550	33600	34650	35700	36650	38450	40750	42500	43700	44400	44700	44750	44650	44150	34950
Lower Decile	26050	27000	27900	28850	29750	30600	31450	32250	33050	34450	36250	37600	38500	39000	39250	39300	39250	38900	30650
Mean	30250	31600	33000	34400	35750	37150	38550	39900	41250	43850	47400	50400	52700	54450	55600	56250	56650	56800	44550
Raw (Unsmoothed) Statistics																			
Upper Decile	33250	35900	38850	39900	41000	45900	46250	48750	49700	54300	62350	62450	65850	72150	71650	76200	76150	82050	61200
Upper Quartile	31750	33450	35450	36850	38050	40700	42700	44550	45950	49250	53300	55050	56000	60950	60700	63250	62250	66300	50650
Median	30200	30700	33050	34650	35800	37350	38800	40200	41100	44000	46650	47250	47350	54000	49850	53050	52750	51500	41750
Lower Quartile	27250	28800	30300	32650	32550	34050	34750	36400	37700	39200	39700	41800	41350	47700	42300	45300	44750	45300	34950
Lower Decile	25050	27250	27250	30200	30250	30050	31400	33700	32550	36000	34900	37450	36750	41350	38200	37350	36950	41500	30650
Mean	29600	31450	32950	34750	35900	37550	38800	40750	41700	44750	47900	49150	49800	55750	53000	56050	56100	59650	44550
Supporting Data																			
Total Number	935	915	848	917	997	734	807	811	778	1626	1567	1370	1309	961	743	641	597	1216	17769
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	8	52	70
Less Than $22000	58	0	29	12	1	12	1	0	0	0	0	0	0	0	0	0	0	0	113

1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52300	53750	55200	56650	58150	61150	65750	70450	75100	79650	83900	87850	91250	97150	75650
Upper Quartile	0	0	0	0	46950	48350	49750	51150	52500	55100	58700	61900	64650	66900	68650	70050	71050	72350	63550
Median	0	0	0	0	41650	42950	44200	45400	46550	48750	51600	53950	55700	56900	57700	58150	58350	58350	53050
Lower Quartile	0	0	0	0	36950	38050	39150	40150	41150	43000	45200	46900	47950	48550	48800	48750	48600	48050	45550
Lower Decile	0	0	0	0	35650	35900	36200	36600	37050	38050	39650	41100	42350	43300	43900	44300	44500	44650	40100
Mean	0	0	0	0	43050	44000	45050	46100	47150	49300	52500	55550	58250	60500	62250	63500	64300	65000	56950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	52550	53300	54650	52100	59350	62000	71500	68550	71500	82500	78900	83050	89750	101200	75650
Upper Quartile	0	0	0	0	47750	49650	50350	48150	51900	55150	62000	61050	62900	64800	70750	70650	72800	71950	63550
Median	0	0	0	0	43250	46250	45000	41400	48050	48700	53300	53950	52400	58150	59500	60000	60550	56950	53050
Lower Quartile	0	0	0	0	36750	42350	40600	36850	43850	42800	46100	45950	45050	52750	47100	51250	52500	46250	45550
Lower Decile	0	0	0	0	34000	38450	35800	35100	40250	37850	39950	40950	40650	46750	39800	45200	48300	43750	40100
Mean	0	0	0	0	42900	46100	46150	42450	48750	49750	55150	54650	54900	61700	61000	62950	65750	65950	56950
Supporting Data																			
Total Number	20	12	17	23	60	76	68	197	128	434	598	513	579	495	306	304	285	700	4817
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	8	50	67
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33700	35700	37650	39550	41450	43250	44950	46600	48150	50900	54250	56800	58600	59800	60600	61100	61400	61600	52400
Upper Quartile	31650	33450	35200	36900	38550	40100	41550	42950	44250	46550	49350	51350	52800	53750	54400	54750	54950	55100	45350
Median	29700	31350	32900	34400	35800	37050	38250	39350	40350	42050	43950	45250	46050	46600	46950	47100	47200	47250	38450
Lower Quartile	27350	28850	30300	31600	32850	33900	34900	35750	36500	37750	39050	39800	40300	40600	40750	40850	40850	40900	33250
Lower Decile	25300	26600	27850	28950	29950	30850	31700	32400	33000	34000	35050	35650	36050	36250	36400	36450	36500	36500	29650
Mean	29650	31250	32800	34250	35650	37000	38250	39400	40500	42350	44550	46100	47150	47850	48300	48550	48700	48800	39950
Raw (Unsmoothed) Statistics																			
Upper Decile	33200	35900	38800	39550	40400	43600	45300	46700	48050	51450	53100	56650	57700	59950	60550	63100	59650	63800	52400
Upper Quartile	31700	33500	35450	36750	37800	39850	42100	43750	44050	47050	49300	50900	51600	55050	53600	56000	53650	56350	45350
Median	30150	30650	33000	34550	35550	36700	38450	40100	40250	42750	43300	45200	44300	49600	45050	48350	45850	48850	38450
Lower Quartile	27200	28800	30250	32650	32400	33650	34550	35900	36850	38450	37400	40000	38500	44350	40950	41300	37950	43150	33250
Lower Decile	24950	27200	27150	30150	30200	29350	31200	33450	32000	35150	33750	36200	35800	35550	38250	33850	35350	39050	29650
Mean	29400	31450	32900	34650	35450	36600	38150	40200	40350	42950	43450	46000	45800	49400	47550	49500	47300	51150	39950
Supporting Data																			
Total Number	916	902	830	895	938	658	739	615	649	1189	968	857	731	466	438	336	313	513	12951
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3
Less Than $22000	58	0	29	12	1	12	1	0	0	0	0	0	0	0	0	0	0	0	113

1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44200	46250	48350	50500	52600	54750	56900	61000	66800	71800	75850	78850	80900	82100	82800	83100	68850
Upper Quartile	0	0	42150	43850	45500	47200	48850	50450	52050	55100	59250	62750	65450	67450	68800	69650	70100	70350	58100
Median	0	0	40850	42150	43400	44600	45800	46950	48050	50150	52800	54950	56550	57700	58400	58800	58950	59000	50200
Lower Quartile	0	0	38700	39650	40550	41450	42300	43100	43850	45250	47050	48400	49400	50100	50500	50700	50800	50800	43900
Lower Decile	0	0	36650	37200	37750	38250	38750	39250	39700	40600	41750	42750	43600	44300	44800	45250	45550	46000	39400
Mean	0	0	40650	41950	43250	44500	45750	47000	48200	50500	53600	56200	58350	60000	61250	62100	62700	63350	52500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42950	46300	48150	49000	52800	55500	59200	63350	65600	69700	73800	76450	83550	80100	84150	90850	68850
Upper Quartile	0	0	40550	43500	45750	46550	49900	52050	54100	55650	57600	61050	64850	68600	69450	68950	71350	73600	58100
Median	0	0	39450	41500	43000	44250	47150	48600	49950	50650	52250	53450	54500	59500	58200	57800	62300	62000	50200
Lower Quartile	0	0	38300	39250	39950	40700	43050	43800	45350	45850	47400	46900	46950	51750	51150	50750	55250	51100	43900
Lower Decile	0	0	35950	36700	37250	38100	39450	39900	40400	41300	42350	40900	41650	46550	45250	44350	49350	46850	39400
Mean	0	0	39700	41500	42950	43700	46600	48100	49850	51450	52950	54750	56300	60650	62450	61450	65750	65900	52500
Supporting Data																			
Total Number	6	63	257	314	388	317	420	352	420	1012	720	715	645	444	426	317	175	255	7239
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	3	5	17
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	63000	63750	64550	65450	66400	68450	71950	75800	80000	84350	88700	92800	96400	102400	80500
Upper Quartile	0	0	0	0	59000	59950	60900	61850	62800	64700	67550	70350	73000	75500	77750	79700	81300	83750	72000
Median	0	0	0	0	54600	55600	56550	57450	58350	60050	62350	64300	66000	67350	68500	69350	70000	70950	63800
Lower Quartile	0	0	0	0	53000	53050	53100	53200	53300	53700	54150	54850	55800	56950	58200	59500	60750	63400	56200
Lower Decile	0	0	0	0	46000	46050	46100	46200	46300	46500	46700	47450	48350	49500	50950	52500	54100	57650	47400
Mean	0	0	0	0	55350	55900	56500	57100	57700	59000	61050	63200	65350	67550	69650	71650	73350	76400	65250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	62650	0	59850	63000	66800	71050	72850	74400	78650	80200	97200	92150	95000	109750	80500
Upper Quartile	0	0	0	0	58000	0	57650	61100	63650	66400	67450	69250	72400	75100	79800	79800	80300	90400	72000
Median	0	0	0	0	49400	0	54650	57650	60500	62050	62500	61850	65250	68850	68350	72800	69200	75250	63800
Lower Quartile	0	0	0	0	45500	0	47400	51950	57500	56650	55750	55250	50300	60750	57050	63400	62450	67500	56200
Lower Decile	0	0	0	0	41000	0	42300	47300	50900	48700	50550	46050	43700	53850	50150	55100	57150	60150	47400
Mean	0	0	0	0	51150	0	52850	55750	59750	61300	61800	61950	62750	68300	70950	74950	73650	80650	65250
Supporting Data																			
Total Number	0	4	12	9	20	7	33	42	63	231	200	264	287	197	179	107	90	101	1839
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	2	4	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44450	45900	47350	48800	50150	51500	52800	55200	58350	60850	62750	64000	64800	65250	65450	65400	57950
Upper Quartile	0	0	42550	43950	45300	46600	47850	49100	50250	52400	55050	57000	58300	59100	59400	59450	59300	58750	52850
Median	0	0	40750	41950	43100	44250	45300	46300	47250	49000	51050	52500	53400	53800	53900	53800	53550	52950	47750
Lower Quartile	0	0	38750	39550	40350	41100	41800	42500	43100	44250	45600	46600	47250	47650	47800	47850	47800	47600	42250
Lower Decile	0	0	36700	37100	37550	37900	38300	38650	39000	39650	40450	41100	41600	42000	42300	42500	42650	42850	38600
Mean	0	0	40550	41650	42700	43750	44750	45700	46600	48250	50350	51950	53100	53850	54250	54450	54500	54350	48200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42300	45700	47200	48850	51900	53200	55000	55550	56400	59750	59850	63750	68200	65450	65650	68400	57950
Upper Quartile	0	0	40500	43300	45500	46450	49500	51200	52200	52650	53800	55100	55650	60250	60800	59400	61100	61700	52850
Median	0	0	39400	41400	42800	44150	46850	47850	48950	49100	50350	50650	52100	54000	54700	53700	56100	55100	47750
Lower Quartile	0	0	38250	39150	39800	40600	42800	43350	44600	44500	45900	44600	45450	48550	48700	48100	50950	48300	42250
Lower Decile	0	0	35650	36500	37050	38050	39250	39750	39900	40150	41100	39000	38300	44450	43350	42900	44300	44100	38600
Mean	0	0	39200	41250	42550	43550	46050	47050	48100	48600	49550	50500	50900	54500	56050	54300	56650	56100	48200
Supporting Data																			
Total Number	6	59	245	305	369	311	387	309	358	785	520	452	358	249	246	206	83	153	5398
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58450	58900	59550	60400	62600	66700	71100	75300	78950	81700	83650	84800	85700	75750
Upper Quartile	0	0	0	0	0	56000	56050	56250	56650	57900	60500	63700	67000	70150	72850	75000	76500	77950	65900
Median	0	0	0	0	0	53500	53550	53600	53700	54300	55750	57600	59650	61750	63600	65200	66400	67850	58050
Lower Quartile	0	0	0	0	0	49750	49800	49850	50000	50450	51550	52850	54250	55650	56900	57900	58700	59600	53200
Lower Decile	0	0	0	0	0	45300	45350	45400	45500	45750	46000	46500	47000	48250	49650	51050	52350	54600	47450
Mean	0	0	0	0	0	52950	53050	53250	53600	54500	56300	58500	60850	63150	65200	66950	68300	69900	60100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	60400	57800	60800	59800	62100	67050	71600	75200	78350	80950	84750	83750	88550	75750
Upper Quartile	0	0	0	0	0	55700	54950	55800	57150	58450	60550	63150	66350	70800	73050	75000	77450	79250	65900
Median	0	0	0	0	0	53200	52300	53450	53800	55100	55400	57650	58850	62900	62800	65200	66750	69900	58050
Lower Quartile	0	0	0	0	0	48100	49500	50300	49700	51650	50200	53800	54150	56200	55550	58400	58350	61650	53200
Lower Decile	0	0	0	0	0	45000	47350	47700	40500	47400	44950	48400	43600	51300	43500	56200	54100	55900	47450
Mean	0	0	0	0	0	52600	52150	53500	52950	55250	56050	58800	60000	63950	63650	67500	69050	72200	60100
Supporting Data																			
Total Number	6	0	2	8	9	27	55	66	101	328	453	374	331	285	219	195	120	129	2703
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

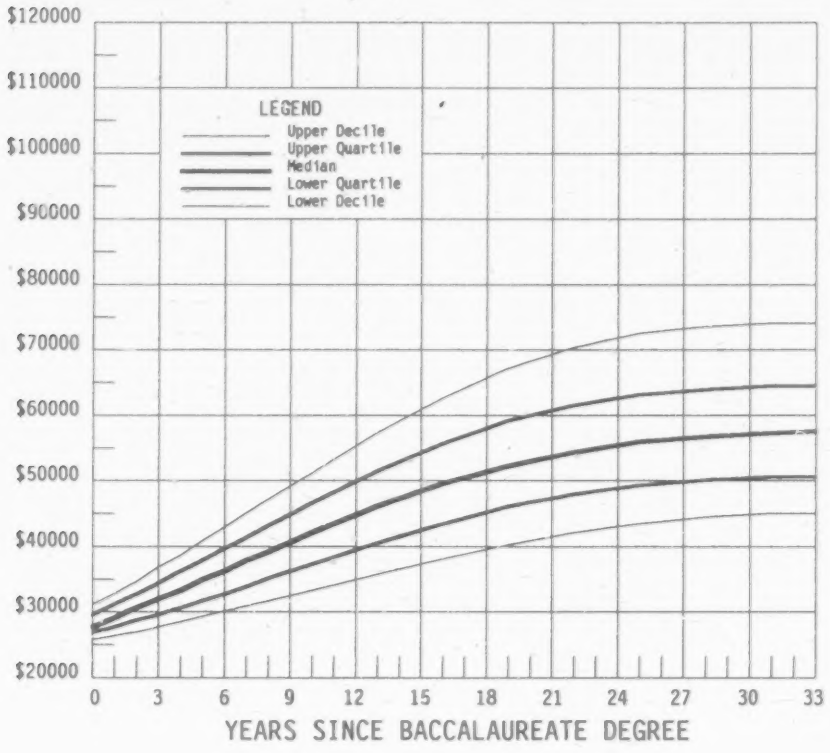
1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	78350	78650	79000	80150	83050	86200	89100	91400	94100	84500
Upper Quartile	0	0	0	0	0	0	0	0	0	73150	73750	74300	76400	78800	81200	83250	84800	86550	78900
Median	0	0	0	0	0	0	0	0	0	66550	68000	69800	71800	73800	75650	77300	78600	80300	73250
Lower Quartile	0	0	0	0	0	0	0	0	0	62300	63700	65400	67150	68900	70550	71950	73000	74450	67100
Lower Decile	0	0	0	0	0	0	0	0	0	57700	58300	59450	60650	61600	62300	62700	62900	63050	60500
Mean	0	0	0	0	0	0	0	0	0	68050	68250	69400	71200	73400	75700	77900	79850	82800	73400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	84500	78000	78000	79550	83750	87500	92150	85500	91500	84500
Upper Quartile	0	0	0	0	0	0	0	0	0	74800	72300	74200	76750	79250	80300	85750	82250	84100	78900
Median	0	0	0	0	0	0	0	0	0	67000	67350	70250	71600	74100	74750	78600	78000	78000	73250
Lower Quartile	0	0	0	0	0	0	0	0	0	61500	64750	65200	66550	69200	69650	73600	74000	71000	67100
Lower Decile	0	0	0	0	0	0	0	0	0	56400	61700	55750	62900	61050	62000	68700	67200	52550	60500
Mean	0	0	0	0	0	0	0	0	0	68400	68100	69150	71400	73600	75200	79200	78750	80400	73400
Supporting Data																			
Total Number	0	0	0	0	0	2	1	0	4	22	50	75	79	83	70	57	38	37	519
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59400	59450	59500	59700	60100	61700	63950	66600	69500	72450	75200	77600	81150	67400
Upper Quartile	0	0	0	0	0	56150	56200	56300	56500	57150	58500	60150	62050	64050	65950	67650	69100	71250	61000
Median	0	0	0	0	0	53400	53450	53500	53550	53900	54850	56050	57400	58800	60050	61150	62000	63100	56350
Lower Quartile	0	0	0	0	0	49650	49700	49750	49850	50050	50850	51950	53150	54350	55400	56300	56950	57750	51950
Lower Decile	0	0	0	0	0	44800	44900	45000	45150	45350	45650	45950	46300	47250	48600	49900	51150	53300	46100
Mean	0	0	0	0	0	53050	53100	53150	53250	53500	54550	55900	57500	59200	60900	62400	63700	65600	56950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	58000	57800	60800	59050	59900	63050	63400	65650	69400	70800	73700	79600	88000	67400
Upper Quartile	0	0	0	0	0	55150	54950	55800	56550	57850	58800	60000	60800	65000	64000	68400	69350	75250	61000
Median	0	0	0	0	0	52700	52300	53450	53450	54750	54500	56250	56750	59850	58950	60350	61650	67450	56350
Lower Quartile	0	0	0	0	0	47400	49500	50300	49050	51400	49500	53200	53050	54250	53200	57450	56950	60950	51950
Lower Decile	0	0	0	0	0	44900	47350	47700	40400	47200	44750	47000	42950	50150	41600	54800	53150	56150	46100
Mean	0	0	0	0	0	51850	52150	53500	52150	54300	54650	56200	56400	60150	57950	62950	64650	69900	56950
Supporting Data																			
Total Number	6	0	2	8	9	25	53	66	95	306	405	299	252	201	144	140	84	94	2186
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

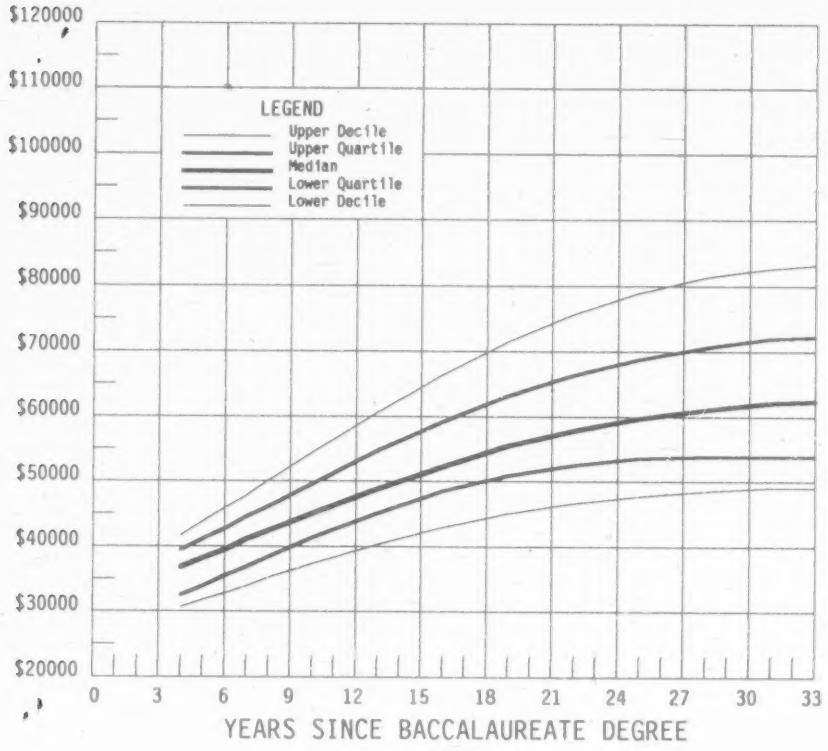
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31100	32900	34800	36700	38700	40750	42850	44950	47100	51300	57400	62800	67200	70400	72550	73700	74250	74150	62000
Upper Quartile	29550	31150	32750	34450	36150	37900	39650	41400	43200	46650	51500	55750	59100	61600	63200	64100	64500	64500	53350
Median	27800	29150	30550	32000	33400	34850	36350	37800	39250	42050	46050	49500	52300	54450	55950	56900	57400	57750	43300
Lower Quartile	26900	27800	28700	29700	30750	31800	32900	34000	35150	37350	40650	43600	46050	47950	49300	50200	50650	51000	34000
Lower Decile	25750	26400	27050	27800	28500	29300	30100	30900	31700	33350	35800	38150	40250	42050	43400	44400	45050	45600	29850
Mean	28050	29400	30800	32200	33650	35100	36600	38050	39550	42400	46500	50100	53100	55450	57150	58250	58950	59600	45050
Raw (Unsmoothed) Statistics																			
Upper Decile	31850	33300	33900	36800	36950	42350	43450	43450	47000	53300	57600	60050	68350	70550	69100	76750	71350	75450	62000
Upper Quartile	31100	31250	32150	33650	34850	38250	40400	40950	44100	47800	51450	54950	60000	60950	61500	63100	63750	65350	53350
Median	29800	29600	29050	31550	32800	34900	35700	37350	40550	43050	45950	48500	53000	57100	53500	56550	57350	57150	43300
Lower Quartile	28250	28050	27100	30200	29900	32250	31950	33550	34850	38200	41750	43100	46050	51800	46250	51700	49400	48800	34000
Lower Decile	26200	26400	26050	28350	28300	29700	29000	31750	32150	33300	35050	37200	42100	47650	41900	45700	41500	44300	29850
Mean	29650	29900	29650	32100	32850	35200	36200	37250	40000	43350	46500	49050	54400	57650	54900	59250	58100	58500	45050
Supporting Data																			
Total Number	145	111	194	322	284	216	233	272	181	715	455	408	344	270	308	241	239	313	5256
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Less Than $22000	0	1	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	14

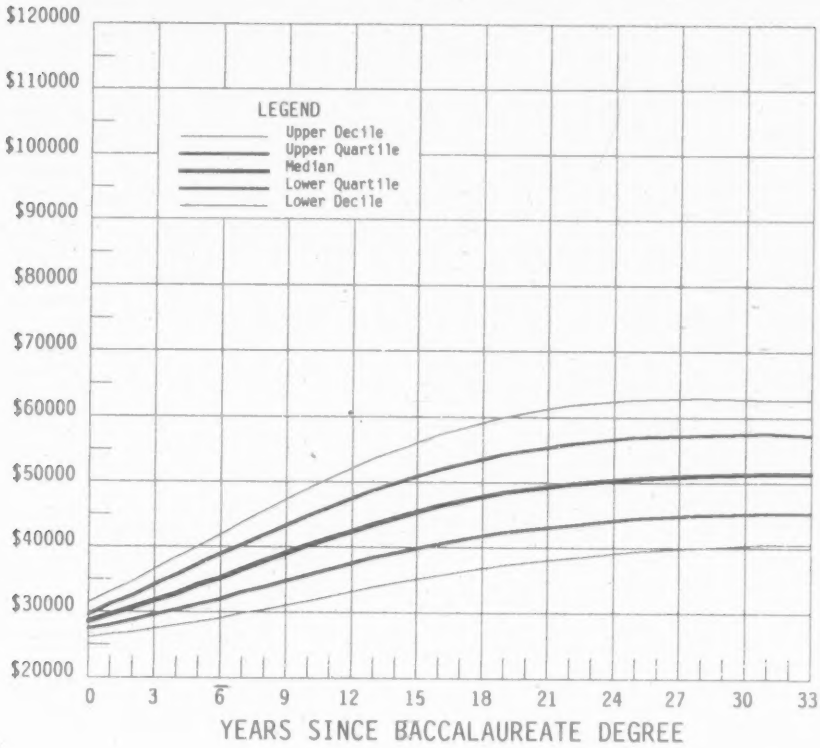
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	41650	43700	45750	47850	50000	54300	60550	66400	71500	75700	78900	81200	82700	84350	71800
Upper Quartile	0	0	0	0	39350	41000	42750	44450	46200	49650	54600	59150	63100	66300	68850	70650	71950	73450	61350
Median	0	0	0	0	36800	38200	39600	40950	42350	45050	48900	52350	55350	57750	59650	61100	62050	63300	52900
Lower Quartile	0	0	0	0	32450	33900	35400	36900	38400	41250	45150	48400	50900	52550	53500	53900	53950	53550	44950
Lower Decile	0	0	0	0	30550	31700	32850	34000	35150	37300	40350	42950	45050	46700	47850	48600	49100	49500	38600
Mean	0	0	0	0	36050	37650	39200	40800	42400	45600	50100	54200	57650	60400	62450	63900	64800	65750	54350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	41400	45550	43500	43300	47850	58500	59800	63950	74950	73600	75100	84850	77750	84600	71800
Upper Quartile	0	0	0	0	35850	43350	42600	42050	45800	51400	55350	57700	64300	65300	63750	76200	70050	72700	61350
Median	0	0	0	0	34000	39700	41050	37500	43250	46550	49250	49950	57800	58600	55600	61450	63250	61850	52900
Lower Quartile	0	0	0	0	29000	35000	35150	35700	40800	42400	45050	47250	51700	55800	46750	55200	56600	52450	44950
Lower Decile	0	0	0	0	27750	32950	32500	32950	31350	39300	41950	41300	45550	52150	37800	51800	52400	49650	38600
Mean	0	0	0	0	33350	39400	39050	38300	42250	47600	50350	51800	59400	61100	57650	66200	66400	64050	54350
Supporting Data																			
Total Number	5	0	3	10	26	34	47	64	50	274	212	202	177	174	173	102	107	195	1863
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	31350	33000	34750	36500	38300	40100	41900	43700	45500	48950	53550	57350	60100	61850	62700	62950	62800	61950	54900
Upper Quartile	29600	31100	32600	34150	35700	37250	38800	40350	41850	44800	48750	52000	54450	56050	57000	57450	57500	57100	46150
Median	28600	29550	30600	31700	32850	34050	35250	36500	37750	40200	43550	46350	48450	49850	50750	51250	51500	51600	38000
Lower Quartile	27400	28050	28750	29500	30300	31150	32050	32950	33850	35700	38300	40550	42350	43600	44500	45000	45250	45400	31900
Lower Decile	26250	26550	27000	27450	27950	28500	29100	29750	30400	31750	33750	35600	37250	38500	39450	40100	40450	40750	28750
Mean	28700	29750	30850	32000	33150	34350	35550	36750	38000	40350	43600	46400	48550	50100	51150	51750	52050	52250	39900
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	31800	33300	33750	36850	36750	41300	43200	43550	46350	49700	51850	57350	60750	59850	61250	63800	62450	66400	54900
Upper Quartile	31100	31250	32000	33700	34700	37300	39150	40450	42950	45150	47600	52600	55100	56950	56250	60000	58650	55900	46150
Median	29850	29600	29000	31600	32750	34450	34450	37100	38800	41100	43100	45800	48100	51050	51600	54200	52350	46900	38000
Lower Quartile	28200	28050	27100	30250	30050	31750	31100	33200	33600	36450	37250	40350	43750	48000	44000	46900	42750	44150	31900
Lower Decile	26100	26400	26050	28300	28350	29050	28750	29900	32200	29800	33750	36800	39800	41850	42150	44550	39950	33250	28750
Mean	29600	29900	29550	32150	32800	34500	35450	36950	39050	40750	43050	46500	49300	51400	51400	54200	51500	49250	39900
---------- Supporting Data ----------																			
Total Number	139	111	191	311	260	183	186	208	130	441	243	207	165	97	136	140	131	118	3392
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	14

1989 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	30700	32500	34350	36300	38250	40300	42350	44450	46550	50750	56800	62150	66450	69600	71650	72750	73200	73050	61050
Upper Quartile	29350	30950	32550	34250	35950	37650	39400	41150	42900	46350	51200	55450	58850	61350	63000	63950	64400	64500	51550
Median	27750	29100	30500	31850	33300	34700	36150	37600	39000	41800	45700	49100	51950	54100	55600	56600	57150	57650	42050
Lower Quartile	26950	27750	28650	29650	30650	31700	32750	33900	35000	37300	40600	43550	45950	47800	49050	49850	50250	50550	33150
Lower Decile	25900	26450	27050	27650	28350	29100	29850	30600	31450	33100	35600	38000	40150	41900	43250	44200	44750	45250	29400
Mean	27900	29250	30650	32050	33450	34900	36350	37800	39250	42100	46100	49700	52700	55050	56750	57900	58650	59350	43750
Raw (Unsmoothed) Statistics																			
Upper Decile	31800	31900	33800	35900	36700	42450	42900	42900	46600	52850	57200	59900	67300	68500	63950	75200	73450	75250	61050
Upper Quartile	31050	30950	31900	33500	34700	38050	40050	40300	43700	47650	51100	54800	59400	60400	61100	63000	65400	64300	51550
Median	29750	29400	28950	31500	32700	34800	35400	36900	40500	43000	45650	48100	52400	57250	51950	55350	57600	57600	42050
Lower Quartile	28250	27900	27050	30150	29850	32200	32000	33400	33750	38500	41700	42800	45750	53550	43950	49800	50850	48950	33150
Lower Decile	26150	26350	26050	28300	28250	29600	29100	31450	32000	32600	34950	37550	42000	48600	41150	45150	40500	44500	29400
Mean	29550	29600	29450	31950	32650	35150	35900	36750	39550	43200	46250	48750	53700	57550	53150	58150	59500	58400	43750
Supporting Data																			
Total Number	143	105	189	315	274	210	219	250	161	639	412	299	289	194	218	162	167	286	4536
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Less Than $22000	0	1	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	14

1989 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	41400	43400	45500	47600	49750	53950	60100	65700	70400	74150	76850	78650	79750	80700	70400
Upper Quartile	0	0	0	0	39200	40900	42650	44350	46100	49500	54350	58750	62450	65400	67650	69200	70250	71350	60400
Median	0	0	0	0	36550	38000	39450	40900	42300	45100	49000	52450	55350	57600	59250	60400	61150	61950	51800
Lower Quartile	0	0	0	0	32350	33850	35350	36850	38350	41200	45050	48150	50450	51900	52650	52900	52800	52100	44150
Lower Decile	0	0	0	0	30450	31600	32700	33800	34900	37000	39900	42400	44450	46050	47200	47950	48450	48900	37600
Mean	0	0	0	0	35950	37550	39150	40750	42350	45450	49900	53800	57000	59500	61250	62400	63100	63650	53300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	41400	45550	43500	43300	47850	57650	59550	63050	73650	72300	70650	86000	78400	81750	70400
Upper Quartile	0	0	0	0	35850	43350	42600	42050	45800	51050	55200	57650	62900	63600	62750	74000	70350	72300	60400
Median	0	0	0	0	34000	39700	41050	37500	43250	46500	49100	49950	57100	58350	55450	61850	62650	61750	51800
Lower Quartile	0	0	0	0	29000	35000	35150	35700	40800	42350	44800	46350	51350	55750	45250	54050	56000	52300	44150
Lower Decile	0	0	0	0	27750	32950	32500	32950	31350	39150	41800	37950	45650	53000	37350	51100	52050	49550	37600
Mean	0	0	0	0	33350	39400	39050	38300	42250	47350	50150	51350	58300	59950	55500	65400	66500	63450	53300
Supporting Data																			
Total Number	5	0	3	10	26	34	47	64	50	259	200	159	153	141	127	66	92	189	1627
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31000	32600	34250	35900	37600	39300	41050	42750	44450	47800	52350	56250	59250	61400	62700	63400	63650	63400	52150
Upper Quartile	29650	31050	32500	33950	35400	36850	38300	39750	41150	43950	47700	50950	53500	55350	56550	57300	57650	57750	44050
Median	27900	29150	30400	31650	32900	34150	35400	36600	37800	40050	43050	45550	47400	48700	49500	49900	50050	49900	36150
Lower Quartile	27450	28050	28700	29400	30200	31000	31850	32750	33600	35400	37950	40150	41900	43150	44000	44500	44750	44900	31250
Lower Decile	26300	26600	26950	27400	27850	28400	28950	29550	30200	31500	33450	35300	36950	38200	39150	39800	40150	40450	28450
Mean	28750	29650	30650	31700	32800	33950	35150	36300	37500	39850	43150	45950	48100	49600	50550	51150	51400	51550	38450
Raw (Unsmoothed) Statistics																			
Upper Decile	31750	31900	33650	35950	36450	41400	41000	42450	44950	49150	50250	55850	60100	59450	60750	63400	63400	65500	52150
Upper Quartile	31050	30950	31700	33600	34500	37150	38650	39800	42300	44750	46800	49950	53800	56450	55700	59850	59100	55300	44050
Median	29800	29400	28900	31550	32600	34350	34050	36350	38600	41050	42750	45250	47100	52500	49550	52200	51300	46300	36150
Lower Quartile	28200	27900	27050	30250	29900	31650	31100	33050	33250	36050	36250	41150	43150	47900	43100	45950	40850	44050	31250
Lower Decile	26100	26350	26000	28300	28300	28950	28850	29400	32100	29450	33250	37600	39800	41250	41800	44400	39150	33000	28450
Mean	29500	29600	29400	32050	32550	34400	34950	36250	38250	40400	42400	45900	48600	51250	50000	53100	51250	48450	38450
Supporting Data																			
Total Number	137	105	186	305	249	178	171	188	111	381	211	138	137	55	93	94	76	95	2910
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	14

1989 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51450	51600	51750	52400	53300	55600	59550	63350	66400	68550	69900	70650	70950	71150	66850
Upper Quartile	0	0	0	0	44900	45500	46200	47050	48000	50050	53100	55750	57800	59150	59950	60400	60600	60700	58500
Median	0	0	0	0	37500	38650	39850	41050	42250	44550	47650	50200	52000	53200	53950	54300	54500	54550	51650
Lower Quartile	0	0	0	0	33300	34000	34850	35800	36800	38850	41900	44400	46200	47400	48050	48400	48550	48600	43300
Lower Decile	0	0	0	0	30850	31450	32100	32800	33550	35150	37600	39800	41650	43000	43900	44400	44700	44900	36900
Mean	0	0	0	0	39700	40300	41100	42000	43000	45100	48200	50950	53000	54450	55300	55750	55950	56050	52150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	53000	0	52250	49900	56400	55150	58550	59800	83500	71850	75250	76800	66400	67400	66850
Upper Quartile	0	0	0	0	43250	0	49250	47550	48500	49250	52050	53950	63550	64000	64150	63200	59500	63000	58500
Median	0	0	0	0	35500	0	44750	42950	39500	43250	47950	48900	57600	58600	54450	57600	57050	51500	51650
Lower Quartile	0	0	0	0	34250	0	31500	40450	37100	37300	42700	43700	50000	52250	51950	54350	43350	47750	43300
Lower Decile	0	0	0	0	33000	0	25000	38100	36450	36300	35350	37000	43600	47100	50500	51500	41950	38900	36900
Mean	0	0	0	0	39400	0	41100	43300	43300	44500	47750	49000	58650	58750	59000	60650	54000	54700	52150
Supporting Data																			
Total Number	2	6	5	7	10	6	15	21	18	74	41	106	56	52	83	80	66	26	661
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

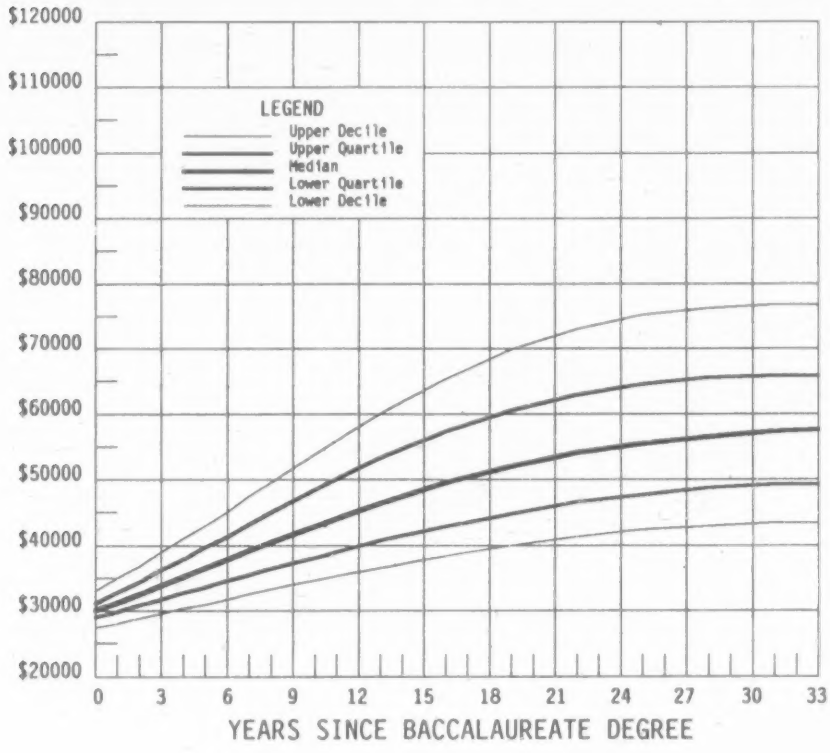
1989 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	64250	66650	69550	72800	76300	79950	83600	87000	0	78800
Upper Quartile	0	0	0	0	0	0	0	0	0	60350	60800	62550	65300	68950	73300	78150	83150	0	67250
Median	0	0	0	0	0	0	0	0	0	50150	50400	51700	53750	56500	59800	63400	67100	0	58200
Lower Quartile	0	0	0	0	0	0	0	0	0	43950	46300	48800	51500	54300	57150	59900	62400	0	50900
Lower Decile	0	0	0	0	0	0	0	0	0	43800	44000	44250	45950	48700	52350	56750	61650	0	47400
Mean	0	0	0	0	0	0	0	0	0	51400	52700	54750	57500	60850	64650	68700	72750	0	60650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	66150	65800	64800	87600	74800	83400	81000	70600	0	78800
Upper Quartile	0	0	0	0	0	0	0	0	0	63000	61000	56500	82500	70500	73850	76000	68500	0	67250
Median	0	0	0	0	0	0	0	0	0	50000	49700	49550	64000	59750	55600	60650	65000	0	58200
Lower Quartile	0	0	0	0	0	0	0	0	0	42500	48050	48000	57600	56100	53900	57700	59350	0	50900
Lower Decile	0	0	0	0	0	0	0	0	0	41600	47050	47050	43400	47900	51950	56150	56550	0	47400
Mean	0	0	0	0	0	0	0	0	0	51600	53100	52150	66450	62050	63800	66300	64050	0	60650
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	0	14	11	42	24	29	43	36	14	3	218
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51900	51950	52000	52200	52650	53850	55700	57100	58050	58600	58850	58950	59000	59000	59450
Upper Quartile	0	0	0	0	44950	45500	46150	46900	47700	49250	51400	52950	53950	54550	54800	54950	55000	55000	55100
Median	0	0	0	0	38100	38950	39850	40800	41750	43550	45950	47800	49100	49900	50350	50550	50650	50700	48550
Lower Quartile	0	0	0	0	34300	34600	35100	35650	36300	37650	39650	41400	42750	43650	44150	44450	44600	44650	40050
Lower Decile	0	0	0	0	30400	31250	32150	33000	33800	35400	37400	38850	39900	40500	40850	41000	41100	41100	36250
Mean	0	0	0	0	40000	40500	41100	41750	42500	44000	46050	47650	48750	49400	49750	49950	50000	50050	48000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	53000	0	52250	49900	56400	53000	54500	58050	62400	63700	60000	67200	59800	65700	59450
Upper Quartile	0	0	0	0	43250	0	49250	47550	48500	47500	50400	53750	58500	60250	56000	59200	58450	60500	55100
Median	0	0	0	0	35500	0	44750	42950	39500	42200	46400	46700	52400	57550	52400	55000	56250	50400	48550
Lower Quartile	0	0	0	0	34250	0	31500	40450	37100	37000	41400	37500	47400	50750	51100	53450	42900	47400	40050
Lower Decile	0	0	0	0	33000	0	25000	38100	36450	36200	35200	36600	44000	38900	50400	50300	41750	38450	36250
Mean	0	0	0	0	39400	0	41100	43300	43300	42850	45800	46950	52350	54550	53900	56300	51650	51850	48000
Supporting Data																			
Total Number	2	6	5	7	10	6	15	21	18	60	30	64	30	23	40	44	53	23	444
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

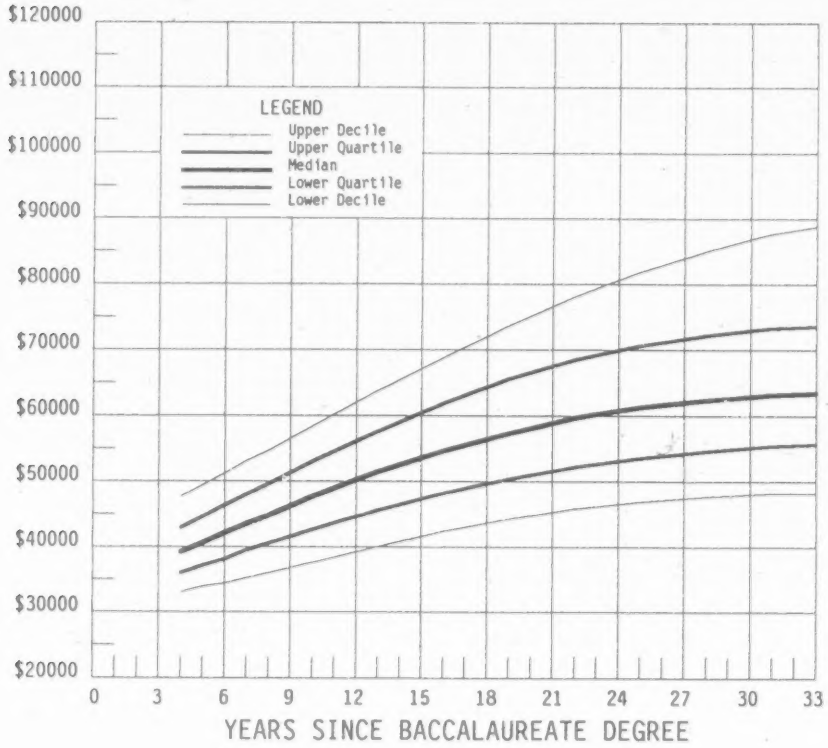
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33100	35000	36900	38900	40950	43050	45200	47350	49500	53800	59950	65350	69750	73000	75100	76350	76900	76900	65050
Upper Quartile	31250	32850	34500	36200	37950	39700	41450	43200	45000	48400	53200	57350	60650	63050	64650	65550	65950	65950	54900
Median	30050	31300	32600	33900	35250	36550	37850	39200	40450	42950	46450	49550	52100	54100	55550	56600	57300	58000	43950
Lower Quartile	29000	29950	30850	31800	32700	33650	34550	35500	36400	38150	40700	42950	44900	46550	47800	48700	49300	49900	35900
Lower Decile	27350	28100	28800	29550	30300	31050	31750	32500	33250	34650	36650	38450	40000	41300	42300	43000	43450	43950	31500
Mean	30150	31500	32850	34200	35550	36950	38350	39700	41100	43750	47500	50850	53650	55900	57600	58750	59550	60450	46850
Raw (Unsmoothed) Statistics																			
Upper Decile	31850	33900	39550	39200	40300	42950	45550	47300	51150	54150	59500	64000	69300	71450	73800	79000	77200	77950	65050
Upper Quartile	31000	32600	35000	36000	37450	40150	41850	43400	46100	48250	52500	57450	60300	62800	64300	66950	66400	66050	54900
Median	29600	31200	32800	34100	34800	37500	38300	39350	41250	42200	45950	49350	52400	53950	55650	58350	57800	57600	43950
Lower Quartile	28400	30150	30850	32200	32150	34800	34200	35450	37600	37600	40350	42850	44500	47500	46950	50100	49400	49950	35900
Lower Decile	26850	28350	28500	30000	29950	31600	32200	32600	33300	34300	36450	38650	39300	41750	41200	44350	44150	44000	31500
Mean	29550	31350	33400	34550	35000	37450	38400	39750	41950	43400	47200	50750	53450	55850	57350	60550	59450	60500	46850
Supporting Data																			
Total Number	596	766	859	957	969	955	983	940	807	2053	1720	1566	1580	1286	1024	908	1039	1949	20949
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7	7	2	28	46
Less Than $22000	5	4	7	3	2	1	4	2	1	2	0	1	0	1	0	0	1	1	33

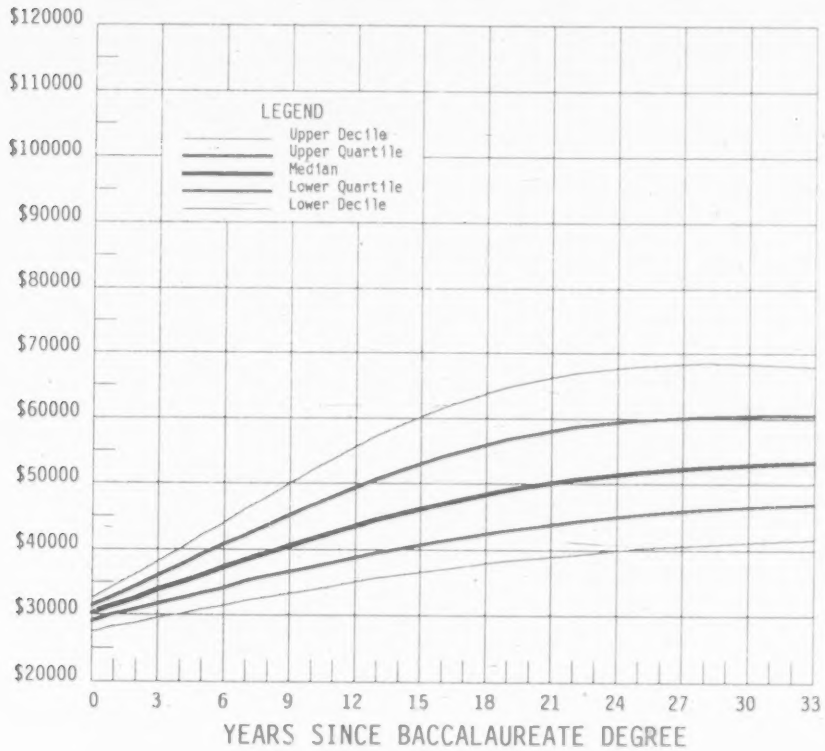
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	47700	49450	51200	53000	54750	58350	63700	68850	73700	78050	81900	85100	87750	91750	76550
Upper Quartile	0	0	0	0	42950	44650	46350	48050	49700	53050	57700	61950	65500	68400	70600	72200	73250	74550	65450
Median	0	0	0	0	39200	40650	42050	43500	44900	47600	51400	54700	57450	59650	61300	62450	63250	64100	56400
Lower Quartile	0	0	0	0	35950	37100	38250	39400	40500	42650	45650	48250	50500	52300	53700	54700	55450	56400	47850
Lower Decile	0	0	0	0	33100	33750	34500	35250	36000	37650	40050	42350	44350	45900	47050	47850	48300	48650	41000
Mean	0	0	0	0	39800	41150	42550	43950	45350	48050	52000	55550	58750	61450	63650	65400	66700	68500	58500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	44250	46350	54900	52600	55900	62200	64100	66850	73800	78950	77950	88400	83950	94600	76550
Upper Quartile	0	0	0	0	37500	43050	49500	47750	52750	56400	58250	61200	63500	67400	69950	75100	72850	75500	65450
Median	0	0	0	0	34750	40650	44750	42600	48050	49650	50300	55100	57200	57200	61400	64600	64250	64200	56400
Lower Quartile	0	0	0	0	33100	38500	41200	38550	41000	42450	45900	48550	50400	50650	53300	56850	56500	56100	47850
Lower Decile	0	0	0	0	32050	35150	36400	33500	37050	37200	39500	42600	44750	47150	45650	48050	50000	47550	41000
Mean	0	0	0	0	35750	40750	45250	43400	47300	49750	52050	55350	58350	60100	62700	67600	65850	69500	58500
Supporting Data																			
Total Number	0	2	67	43	65	93	68	115	116	340	496	687	696	582	422	405	410	722	5326
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	5	2	27	41
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3

SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32500	34300	36200	38150	40100	42100	44100	46100	48100	52000	57300	61650	64900	67000	68050	68400	68250	67300	58700
Upper Quartile	31400	32900	34400	35950	37550	39100	40700	42250	43750	46700	50750	54150	56750	58600	59750	60400	60650	60550	49050
Median	30350	31500	32650	33800	34950	36100	37250	38400	39500	41600	44500	47000	49050	50650	51800	52650	53150	53750	40450
Lower Quartile	29100	30000	30850	31700	32600	33400	34250	35100	35900	37400	39550	41400	42950	44250	45300	46050	46650	47450	34300
Lower Decile	27450	28150	28850	29550	30200	30900	31550	32200	32800	34000	35650	37050	38300	39300	40150	40800	41300	42000	30700
Mean	30150	31400	32650	33900	35150	36450	37650	38900	40100	42450	45600	48300	50450	52050	53200	53950	54400	54800	42850
Raw (Unsmoothed) Statistics																			
Upper Decile	31850	33900	37050	37900	40250	42450	44750	46500	48950	51600	56350	60600	64900	66750	68400	67300	70200	68200	58700
Upper Quartile	31000	32600	34600	35800	37450	39800	41100	43050	44800	46500	49750	52700	56400	58800	60350	60950	61700	61200	49050
Median	29600	31200	32650	33950	34800	37200	38000	38850	40700	41250	43950	45350	47400	51650	52300	54000	53750	54500	40450
Lower Quartile	28400	30150	30700	32150	32000	34600	34000	35300	37000	37200	39300	40800	41900	44950	44550	47400	47050	48100	34300
Lower Decile	26850	28350	28450	29900	29900	31450	32100	32300	33000	34000	35600	36450	37700	38950	38950	42200	42000	42700	30700
Mean	29550	31350	32800	34000	34950	37100	37900	39250	41050	42150	45200	47250	49600	52400	53600	54900	55450	55200	42850
Supporting Data																			
Total Number	596	764	792	915	905	863	916	825	688	1714	1226	881	884	706	602	501	634	1229	15626
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	5
Less Than $22000	5	4	5	3	2	1	4	2	1	2	0	1	0	1	0	0	0	1	29

1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32650	34500	36450	38400	40400	42450	44550	46650	48750	52850	58600	63500	67250	69900	71450	72150	72250	71650	61750
Upper Quartile	31200	32750	34350	35950	37600	39250	40900	42550	44150	47300	51700	55400	58350	60450	61850	62650	63000	63000	51800
Median	30200	31400	32600	33800	35000	36200	37350	38550	39700	41950	45100	47800	50100	51950	53300	54300	55000	55800	41800
Lower Quartile	29000	29900	30800	31700	32600	33450	34350	35200	36000	37650	39850	41800	43500	44850	45950	46800	47400	48250	34750
Lower Decile	27250	28000	28700	29450	30150	30850	31550	32250	32900	34150	35900	37400	38700	39750	40600	41300	41800	42500	30900
Mean	30200	31450	32700	34000	35300	36600	37850	39150	40400	42850	46250	49200	51650	53600	55050	56050	56700	57450	44550
Raw (Unsmoothed) Statistics																			
Upper Decile	31850	33700	37400	38950	40150	42750	45150	46800	50100	53050	58650	62200	65350	68750	68100	74850	73850	73200	61750
Upper Quartile	31000	32350	34600	35900	37250	40050	41050	43150	45550	47000	51500	53950	58800	59400	60600	64000	64600	63450	51800
Median	29600	31150	32650	34000	34700	37400	37850	38850	40950	41250	44700	46500	50100	52250	52800	56400	56150	55750	41800
Lower Quartile	28400	30100	30750	32200	31900	34700	33850	35150	37050	37150	39850	41400	43200	45800	44850	47850	47800	48450	34750
Lower Decile	26850	28300	28350	29850	29700	31300	32100	32250	32950	33950	35900	37500	38250	39850	39300	42650	42650	42600	30900
Mean	29550	31200	33050	34450	34800	37300	38000	39400	41450	42600	46300	48150	51400	53350	53400	57600	57350	58200	44550
Supporting Data																			
Total Number	596	740	774	883	880	856	832	807	661	1719	1309	1079	1155	908	675	622	770	1504	16758
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	27	29
Less Than $22000	5	4	7	3	2	1	4	1	0	2	0	1	0	1	0	0	1	1	31

1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	48000	49600	51250	52850	54450	57650	62300	66650	70600	74100	77100	79550	81450	84350	72000
Upper Quartile	0	0	0	0	42650	44350	46050	47750	49400	52650	57100	60900	63950	66250	67800	68800	69350	69700	62950
Median	0	0	0	0	39150	40450	41750	43050	44300	46750	50150	53150	55600	57600	59100	60200	61000	61900	54350
Lower Quartile	0	0	0	0	36300	37050	37850	38650	39500	41200	43800	46250	48500	50400	51850	52900	53600	54200	45750
Lower Decile	0	0	0	0	33200	33700	34300	34950	35600	37050	39250	41250	43000	44400	45350	45950	46300	46550	39200
Mean	0	0	0	0	39800	41050	42300	43550	44800	47200	50650	53800	56550	58950	60850	62400	63550	65200	55850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	44250	45900	55150	52200	55500	62300	64500	64450	69000	71250	74050	86800	80650	86150	72000
Upper Quartile	0	0	0	0	37500	42950	50000	46950	52000	56000	58000	60350	62250	64200	64250	72550	70350	71100	62950
Median	0	0	0	0	34750	40600	45000	42500	46600	48750	49850	51650	56850	55100	57400	62600	63150	62100	54350
Lower Quartile	0	0	0	0	33100	38450	41000	38300	40350	41950	42550	45800	49250	50050	50100	54500	54850	54300	45750
Lower Decile	0	0	0	0	32050	35100	36200	33400	36400	36700	38700	41250	44000	44900	44950	46500	46850	45800	39200
Mean	0	0	0	0	35750	40600	45350	43000	46300	49200	51200	52800	56550	57400	58700	64550	63600	66500	55850
Supporting Data																			
Total Number	0	2	67	43	65	92	64	109	100	300	353	432	490	398	283	266	284	543	3887
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	26	28
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3

1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32400	34150	35900	37750	39550	41450	43300	45150	46950	50450	55200	59050	61850	63600	64500	64750	64600	63700	55650
Upper Quartile	31450	32850	34300	35750	37200	38650	40100	41500	42900	45550	49200	52200	54550	56250	57350	57950	58250	58300	46550
Median	30350	31450	32550	33650	34700	35800	36850	37900	38900	40850	43550	45800	47650	49100	50150	50900	51400	51900	39050
Lower Quartile	29100	29900	30750	31600	32400	33200	34000	34800	35550	37000	38950	40650	42050	43200	44150	44800	45300	46000	33450
Lower Decile	27500	28100	28750	29350	29950	30550	31150	31700	32300	33350	34800	36100	37200	38150	38900	39500	40000	40700	30300
Mean	30150	31300	32500	33700	34850	36050	37200	38300	39400	41550	44400	46800	48700	50100	51100	51750	52150	52450	41150
Raw (Unsmoothed) Statistics																			
Upper Decile	31850	33700	35800	37750	40100	42050	43800	46100	48600	50200	55150	55300	60850	63600	62500	64150	66850	65500	55650
Upper Quartile	31000	32400	34250	35700	37250	39650	40550	42700	44450	45100	48950	49100	53600	56250	56450	58950	59900	59450	46550
Median	29600	31150	32450	33850	34700	37100	37350	38200	40500	40300	43400	44300	45750	49700	48900	52650	52200	53050	39050
Lower Quartile	28400	30100	30300	32100	31750	34450	33700	35050	36450	36750	39200	39600	41150	43750	42150	45750	46100	46900	33450
Lower Decile	26850	28300	28250	29700	29650	31050	32050	31800	32700	33500	34950	35150	35950	37350	37450	40850	40700	41800	30300
Mean	29550	31200	32400	33850	34750	36900	37400	38850	40650	41150	44550	45000	47600	50250	49700	52350	53650	53450	41150
Supporting Data																			
Total Number	596	738	707	840	816	765	769	700	564	1418	957	646	665	512	394	352	485	961	12874
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	5	4	5	3	2	1	4	1	0	2	0	1	0	1	0	0	0	1	29

1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	39800	41600	43400	45300	47200	49200	51200	55250	61400	67400	72950	77850	81800	84800	86850	88850	73750
Upper Quartile	0	0	37650	39250	40850	42450	44100	45750	47400	50700	55550	60000	63900	67200	69700	71500	72650	73650	62600
Median	0	0	34100	35600	37100	38600	40100	41600	43100	46050	50100	53650	56600	58850	60450	61550	62200	62750	53000
Lower Quartile	0	0	32000	33200	34400	35600	36800	38000	39150	41450	44600	47350	49650	51500	52850	53850	54500	55250	43700
Lower Decile	0	0	30400	31300	32150	33050	33950	34800	35700	37450	39950	42300	44400	46200	47600	48700	49450	50250	37300
Mean	0	0	34850	36250	37700	39150	40600	42050	43500	46450	50650	54600	58100	61050	63350	65100	66200	67300	55000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42700	40850	40650	43400	46450	49550	54150	55950	59800	68000	74600	79100	79700	84100	81700	92600	73750
Upper Quartile	0	0	40750	37550	38950	40950	44150	45150	47950	51450	55300	60600	64650	66500	70200	71050	71200	74400	62600
Median	0	0	35650	35050	35850	37900	40750	41000	43100	46500	48750	55350	55300	58200	62350	62450	61750	62750	53000
Lower Quartile	0	0	32350	32750	33500	35400	37200	38100	38750	42100	44350	48850	47800	50400	53500	53600	55500	55950	43700
Lower Decile	0	0	30400	30900	32250	33550	33750	35100	35300	38150	38600	42600	44200	47250	48000	48950	48700	50400	37300
Mean	0	0	36350	35550	36550	38400	40650	41700	43800	47050	49700	55900	57700	60500	63900	65950	64850	67900	55000
Supporting Data																			
Total Number	0	26	86	75	87	94	143	124	122	304	311	430	372	319	286	251	229	393	3648
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	7	1	1	16
Less Than $22000	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1

1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	61100	62250	64350	70550	78050	85550	91950	96650	99500	101650	86050
Upper Quartile	0	0	0	0	0	0	0	0	55700	56350	58950	62750	67300	72000	76300	79900	82500	85200	71600
Median	0	0	0	0	0	0	0	0	52900	53250	53850	56300	59500	62800	65800	68150	69800	71350	61300
Lower Quartile	0	0	0	0	0	0	0	0	49250	49750	50050	51900	54150	56400	58400	59950	61000	62000	54450
Lower Decile	0	0	0	0	0	0	0	0	45100	45400	45900	47250	48950	50800	52500	54000	55150	56600	48400
Mean	0	0	0	0	0	0	0	0	53000	53500	54850	58100	62000	65950	69500	72350	74300	76100	65350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	64800	60400	62700	70800	79200	91250	85000	92850	88000	113100	86050
Upper Quartile	0	0	0	0	0	0	0	0	54000	57800	58700	62250	69050	72650	73100	78600	77350	90300	71600
Median	0	0	0	0	0	0	0	0	51700	54350	53100	57600	57650	62200	69100	67500	65750	73400	61300
Lower Quartile	0	0	0	0	0	0	0	0	50000	49350	48400	54100	53300	52850	62000	61100	58950	62500	54450
Lower Decile	0	0	0	0	0	0	0	0	40400	46700	45550	50200	45700	48450	55400	54650	56150	56100	48400
Mean	0	0	0	0	0	0	0	0	51600	54150	54000	59100	61350	64800	70600	73000	69750	78650	65350
Supporting Data																			
Total Number	0	0	0	0	1	1	3	6	16	38	103	231	190	162	120	123	108	162	1265
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	5	1	1	13
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	39250	41050	42950	44800	46700	48550	50400	54050	59050	63400	66800	69350	71050	72050	72550	72700	65400
Upper Quartile	0	0	37400	38950	40550	42100	43650	45200	46750	49650	53650	57050	59750	61700	63050	63900	64300	64550	56500
Median	0	0	34500	35800	37150	38450	39700	41000	42250	44600	47850	50600	52800	54450	55600	56400	56850	57200	47500
Lower Quartile	0	0	32350	33350	34400	35400	36400	37350	38350	40200	42700	44900	46750	48250	49350	50200	50800	51550	40250
Lower Decile	0	0	30800	31450	32150	32900	33600	34350	35050	36550	38650	40650	42400	43900	45050	45900	46500	47050	35300
Mean	0	0	34800	36150	37500	38850	40200	41550	42850	45350	48850	51800	54250	56100	57400	58300	58850	59350	49500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42700	40850	40550	43250	46450	48600	49850	54000	58100	64600	69150	67850	74250	70600	74600	73450	65400
Upper Quartile	0	0	40750	37550	38850	40850	44100	44800	46150	50200	52400	57000	61150	62200	64750	64000	66500	64900	56500
Median	0	0	35650	35050	35800	37850	40600	40950	42050	45650	46600	50100	52250	55450	57150	55350	58000	58850	47500
Lower Quartile	0	0	32350	32750	33500	35350	37100	37900	38200	41600	41650	43250	45650	49100	50850	50800	51600	52950	40250
Lower Decile	0	0	30400	30900	32250	33500	33650	34950	34900	37500	37050	41200	40150	44550	46100	47500	45850	49000	35300
Mean	0	0	36350	35550	36450	38150	40600	41250	42500	46050	47650	52050	54050	55950	59100	59000	60450	60150	49500
Supporting Data																			
Total Number	0	26	86	75	86	93	140	117	106	266	209	201	183	156	166	128	121	233	2383
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3
Less Than $22000	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1

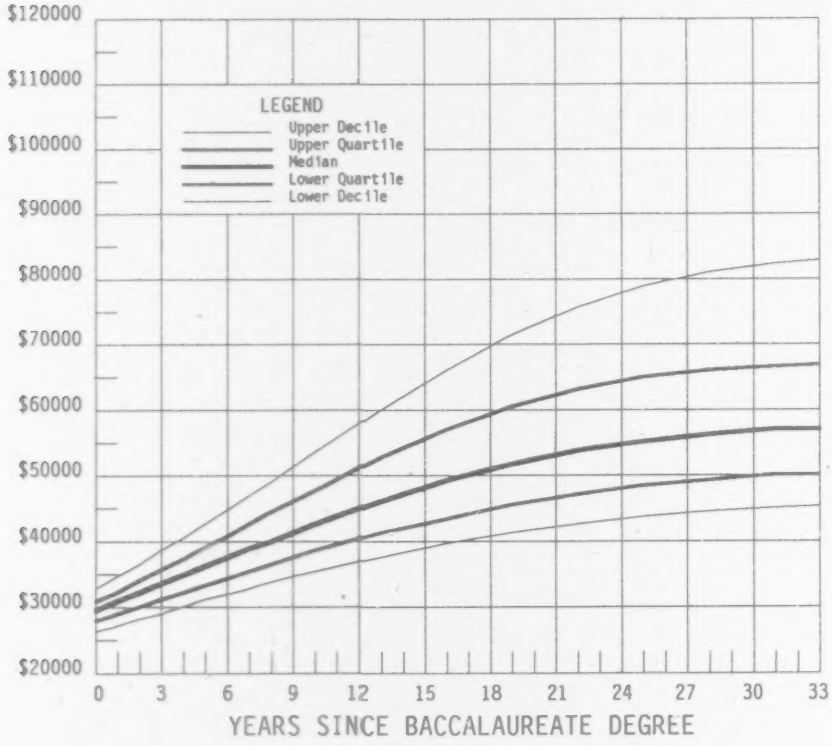
1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	57000	62300	70150	77350	83450	88250	91650	93850	95100	95900	86000
Upper Quartile	0	0	0	0	0	0	0	0	50350	54750	61200	67050	72050	76000	78900	80800	81950	82900	72400
Median	0	0	0	0	0	0	0	0	41500	45550	51600	57250	62100	66000	68850	70700	71800	72600	60850
Lower Quartile	0	0	0	0	0	0	0	0	38200	39300	41600	47900	53750	57750	59900	60800	61100	61200	49950
Lower Decile	0	0	0	0	0	0	0	0	36750	38000	39850	45350	50200	53350	54950	55600	55800	55850	41550
Mean	0	0	0	0	0	0	0	0	44650	48600	54400	59700	64200	67800	70450	72200	73250	74150	62600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	59400	63850	67600	76400	87250	88650	92400	103100	93000	90700	86000
Upper Quartile	0	0	0	0	0	0	0	0	50750	57650	59000	67000	76350	75600	79150	80300	83350	79800	72400
Median	0	0	0	0	0	0	0	0	40600	51500	48400	59350	65200	67250	67600	72350	69350	71500	60850
Lower Quartile	0	0	0	0	0	0	0	0	39200	46050	37800	54750	57400	60350	57850	62350	52150	63000	49950
Lower Decile	0	0	0	0	0	0	0	0	38300	42100	36700	53150	50800	55700	51100	57650	50750	57300	41550
Mean	0	0	0	0	0	0	0	0	45150	54450	50300	61800	67950	69650	70450	74700	70250	71950	62600
Supporting Data																			
Total Number	0	0	0	0	2	5	8	9	23	31	104	57	51	58	61	35	44	53	542
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	62200	64000	66250	72700	79450	85200	89250	91700	92900	93550	79800
Upper Quartile	0	0	0	0	0	0	0	0	49450	53550	59500	64950	69600	73400	76200	78100	79350	80600	68350
Median	0	0	0	0	0	0	0	0	41100	44750	50150	55100	59450	62950	65550	67350	68450	69550	58750
Lower Quartile	0	0	0	0	0	0	0	0	39050	40600	42100	47650	52900	56600	58750	59700	60050	60150	48450
Lower Decile	0	0	0	0	0	0	0	0	37600	39700	41800	44000	48300	51550	53500	54450	54800	54950	38000
Mean	0	0	0	0	0	0	0	0	46750	47250	51450	57100	62450	66500	69050	70400	70950	71200	59750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	59600	68400	64000	71600	82150	83000	89850	100000	88600	89250	79800
Upper Quartile	0	0	0	0	0	0	0	0	48100	57000	57350	66500	71750	71600	78350	78000	75250	77750	68350
Median	0	0	0	0	0	0	0	0	40400	51500	44000	61000	63650	65800	64500	69350	62000	67650	58750
Lower Quartile	0	0	0	0	0	0	0	0	39050	46450	37050	56500	56250	58350	57300	60000	51550	61250	48450
Lower Decile	0	0	0	0	0	0	0	0	38300	42350	36400	48800	50500	52700	49300	57000	50500	56300	38000
Mean	0	0	0	0	0	0	0	0	44100	54600	47200	61250	64650	66500	68700	72400	65600	70100	59750
Supporting Data																			
Total Number	0	0	0	0	2	5	8	9	21	29	60	32	37	38	41	20	31	33	368
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

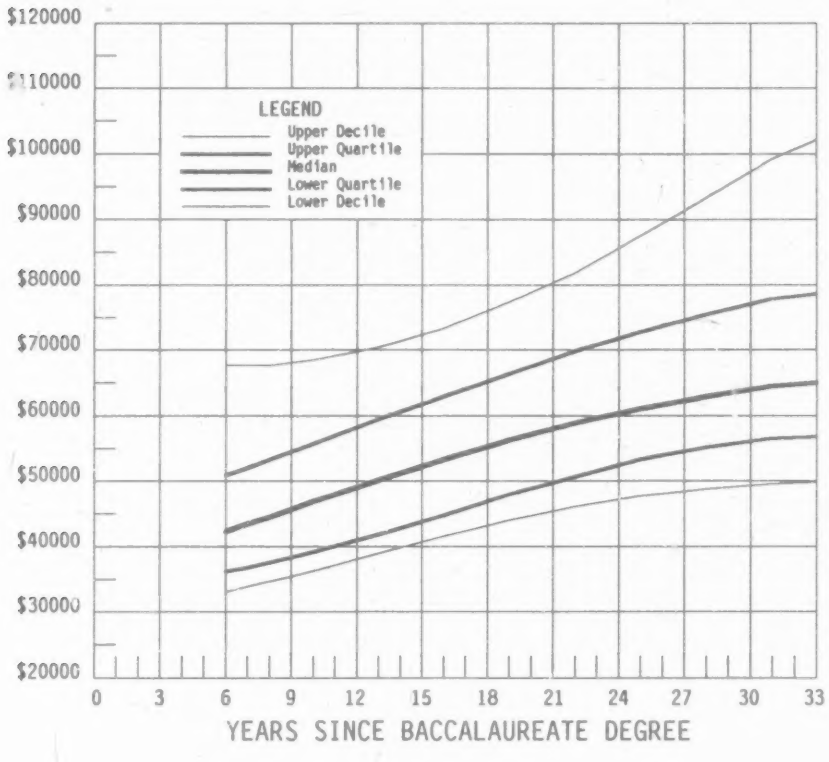
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32900	34750	36650	38600	40650	42700	44850	47000	49200	53600	60100	66150	71400	75650	78850	81100	82500	83900	66750
Upper Quartile	30850	32400	34050	35750	37450	39150	40900	42650	44400	47850	52750	57000	60500	63150	65000	66150	66750	67150	55200
Median	29600	30900	32200	33500	34850	36200	37500	38800	40100	42650	46200	49300	51850	53850	55300	56350	57000	57650	45400
Lower Quartile	28000	29100	30200	31300	32400	33450	34500	35550	36600	38550	41200	43550	45500	47150	48400	49300	50000	50700	36800
Lower Decile	26350	27300	28250	29200	30150	31100	32000	32900	33750	35450	37700	39700	41350	42700	43750	44550	45100	45700	31400
Mean	29750	31100	32450	33850	35300	36700	38150	39600	41050	43850	47900	51500	54600	57150	59050	60450	61400	62500	48100
Raw (Unsmoothed) Statistics																			
Upper Decile	32300	33700	35500	40100	41600	42850	48300	47500	49900	54250	59200	66650	68350	71000	75450	88000	83550	87650	66750
Upper Quartile	30100	31800	33850	36200	37950	38950	44600	42550	45000	48450	51750	55650	59050	52250	64900	66750	68950	68500	55200
Median	29000	30450	32150	34250	35300	36050	39750	38450	40400	42650	46250	47950	50400	54250	55650	57350	58350	57750	45400
Lower Quartile	27850	28700	30250	32150	32250	33750	35800	34950	36550	38100	41450	42600	44950	48200	49650	49200	52000	49400	36800
Lower Decile	26600	26750	28050	30300	29400	31500	32800	32850	33100	35150	38100	39550	40400	43800	44250	44700	45950	44950	31400
Mean	29400	30500	32000	34550	35450	36650	40200	39800	41500	44200	47600	50850	52950	56200	59000	61800	63250	63150	48100
Supporting Data																			
Total Number	252	254	269	230	272	224	276	259	236	678	592	591	550	554	413	388	330	515	6879
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	8	17	37
Less Than $22000	1	3	1	0	1	1	0	1	0	1	0	0	0	0	0	1	0	0	9

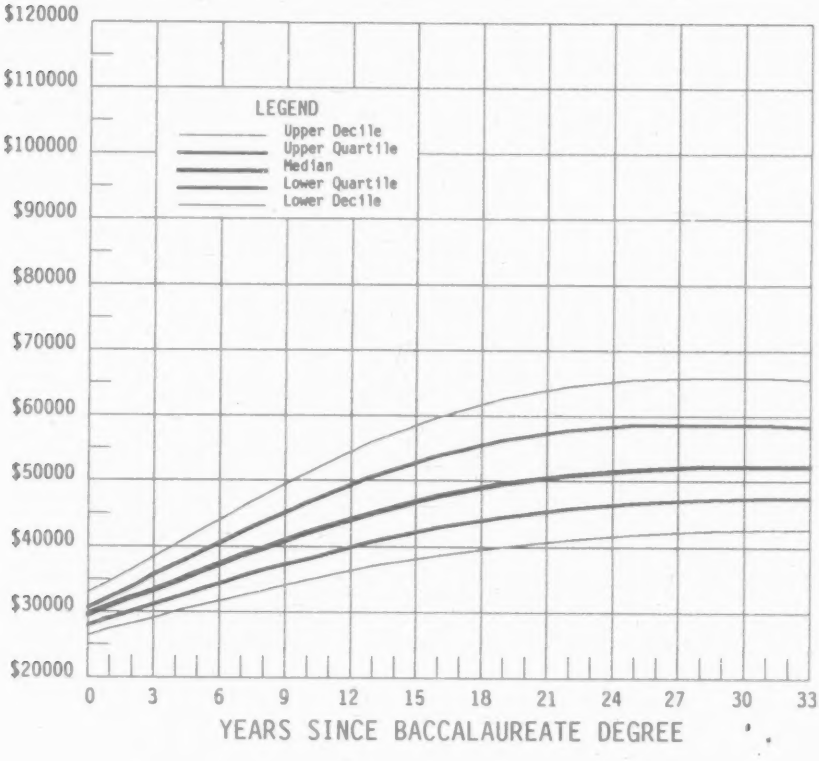
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	67800	67700	67800	68400	70350	73350	77250	82000	87400	93250	99100	111200	83950
Upper Quartile	0	0	0	0	0	0	50850	52050	53300	55750	59400	63050	66500	69800	72800	75500	77800	81650	68750
Median	0	0	0	0	0	0	42350	43500	44650	46950	50250	53400	56300	58850	61100	63000	64550	66900	57600
Lower Quartile	0	0	0	0	0	0	36150	36800	37500	39100	41900	44900	47950	50800	53250	55150	56500	57850	48000
Lower Decile	0	0	0	0	0	0	33050	33800	34550	36250	38900	41600	44050	46100	47750	48900	49600	50200	41350
Mean	0	0	0	0	0	0	45500	46450	47400	49350	52450	55700	59050	62350	65500	68400	70900	74900	61400
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	49350	73300	69550	76350	67350	79550	75150	75050	87600	99900	99500	112050	83950
Upper Quartile	0	0	0	0	0	0	47850	48600	54100	58050	60450	65600	65300	67300	70150	79850	74250	84450	68750
Median	0	0	0	0	0	0	44300	39500	44500	48950	51100	53650	54800	58250	62150	64200	62650	67450	57600
Lower Quartile	0	0	0	0	0	0	40050	33550	38750	39000	42700	44800	46400	51450	55200	55900	55150	57050	48000
Lower Decile	0	0	0	0	0	0	33800	32650	36300	36200	38950	40450	44250	47250	50550	46650	50700	48300	41350
Mean	0	0	0	0	0	0	43450	44350	48250	51750	52450	56550	57600	60850	65950	71100	70050	74750	61400
---------- Supporting Data ----------																			
Total Number	0	1	1	5	6	9	27	47	37	115	170	229	231	276	194	182	174	227	1932
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	8	17	37
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33000	34750	36500	38350	40200	42050	43900	45750	47600	51150	55900	59800	62700	64550	65500	65850	65750	65000	57000
Upper Quartile	30800	32400	34000	35600	37250	38850	40500	42100	43700	46700	50750	53950	56300	57800	58550	58750	58650	57900	49450
Median	29600	30900	32200	33450	34750	36050	37300	38550	39800	42100	45200	47700	49600	50900	51700	52150	52300	52150	41700
Lower Quartile	28100	29200	30250	31300	32350	33400	34400	35400	36400	38250	40750	42850	44500	45750	46600	47150	47500	47800	34400
Lower Decile	26500	27400	28300	29200	30050	30950	31800	32600	33400	34950	37000	38700	40050	41100	41800	42300	42650	42950	30250
Mean	29750	31050	32350	33700	35050	36350	37650	38950	40200	42650	45850	48550	50600	52000	52950	53400	53650	53600	42850
Raw (Unsmoothed) Statistics																			
Upper Decile	32300	33650	35500	40150	41750	42650	47850	45400	48200	51200	53250	58200	61850	63600	65650	65750	71000	65250	57000
Upper Quartile	30100	31800	33800	36200	37900	38800	44000	41700	44000	47150	49650	52100	55700	56650	56950	58800	61750	59150	49450
Median	29000	30400	32150	34200	35250	35850	39400	38400	40000	42100	45500	45850	48300	50800	51500	52250	54450	52550	41700
Lower Quartile	27850	28700	30250	32100	32300	33650	35550	35150	36200	38000	41200	42000	43600	45800	46750	47550	48550	47600	34400
Lower Decile	26600	26750	28050	30250	29500	31350	32700	33100	32750	34850	37100	39000	38850	40700	42100	42400	43150	43100	30250
Mean	29400	30450	32000	34500	35450	36500	39850	38750	40350	42600	45650	47300	49650	51500	52850	53550	55800	53850	42850
Supporting Data																			
Total Number	252	253	268	226	264	213	249	211	200	561	422	364	321	276	217	206	155	289	4948
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	3	1	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	9

1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32750	34550	36400	38300	40250	42250	44250	46350	48400	52600	58700	64300	69100	73000	75850	77800	79050	80200	62500
Upper Quartile	30700	32250	33850	35500	37150	38800	40450	42150	43800	47000	51450	55200	58150	60250	61550	62300	62550	62450	52000
Median	29400	30700	32000	33300	34600	35900	37150	38400	39600	41900	45000	47600	49750	51450	52750	53700	54350	55050	42900
Lower Quartile	28000	29050	30100	31150	32200	33200	34200	35200	36150	38000	40500	42650	44450	45900	47000	47850	48400	48950	34850
Lower Decile	26300	27250	28150	29100	30000	30900	31750	32600	33450	35000	37150	39000	40550	41750	42750	43450	43950	44500	30450
Mean	29700	31000	32300	33600	34950	36300	37650	39000	40350	42950	46700	50000	52800	55050	56800	58050	58900	59900	45500
Raw (Unsmoothed) Statistics																			
Upper Decile	32300	33450	35250	39900	41750	41700	48450	46550	48500	52650	57750	66350	64850	70000	71100	83350	74900	88650	62500
Upper Quartile	30100	31700	33550	36000	37850	38200	45100	41700	43850	46950	51200	53800	55900	58950	62650	63850	63800	64450	52000
Median	29000	30350	31900	34100	35050	35750	39600	37700	39700	41450	45300	45850	47850	52450	54800	55450	55350	55250	42900
Lower Quartile	27850	28700	30100	32100	32000	33600	35350	34700	35700	37350	40900	41750	44050	47500	48600	47400	49850	48200	34850
Lower Decile	26600	26700	27850	30250	29150	31400	32600	32700	32700	34650	37750	39000	39200	42800	43900	43450	44700	44350	30450
Mean	29400	30400	31750	34450	35250	36250	40100	39350	40650	42850	46700	49450	50550	54550	56600	58950	60050	62050	45500
Supporting Data																			
Total Number	252	248	246	213	248	181	230	213	194	511	395	388	384	364	246	240	220	364	5130
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	6	17	25
Less Than $22000	1	3	1	0	1	1	0	1	0	1	0	0	0	0	0	1	0	0	9

1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	64700	65150	65500	66400	67400	68400	72050	76750	82400	88650	95150	109300	78150
Upper Quartile	0	0	0	0	0	0	50650	51650	52650	54700	57850	61000	64150	67200	70050	72700	75000	79000	65500
Median	0	0	0	0	0	0	41850	42800	43700	45600	48450	51250	53850	56250	58300	59950	61150	62550	55100
Lower Quartile	0	0	0	0	0	0	35750	36200	36750	38150	40750	43650	46600	49350	51600	53350	54500	55600	46300
Lower Decile	0	0	0	0	0	0	32950	33650	34400	36000	38550	41050	43300	45150	46500	47450	48000	48450	40150
Mean	0	0	0	0	0	0	45150	45350	46600	48150	50750	53550	56550	59550	62550	65300	67750	71750	58700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	49500	73600	69950	64150	64000	79750	68950	73700	75750	95450	83500	125600	78150
Upper Quartile	0	0	0	0	0	0	48100	48750	51900	56850	59000	64800	61800	65250	67100	77000	69800	85000	65500
Median	0	0	0	0	0	0	45200	39500	42500	47500	48500	51500	52500	55650	60550	61750	58850	64000	55100
Lower Quartile	0	0	0	0	0	0	39500	33400	37900	37950	41400	43150	45850	49800	54700	53500	53800	55150	46300
Lower Decile	0	0	0	0	0	0	33600	32550	36050	35950	38650	39700	43550	46100	50200	45800	49150	46950	40150
Mean	0	0	0	0	0	0	43600	44650	47400	49050	51100	55150	54600	59000	62850	66200	65900	74650	58700
Supporting Data																			
Total Number	0	1	1	5	6	9	24	42	31	99	130	164	184	209	126	123	116	168	1435
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	6	17	25
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32850	34550	36250	38000	39750	41550	43300	45000	46650	49850	54050	57250	59500	60750	61200	61200	60850	59750	52700
Upper Quartile	30800	32300	33800	35350	36850	38400	39900	41350	42800	45500	49050	51850	53800	54950	55450	55550	55350	54600	46450
Median	29550	30800	32000	33250	34450	35650	36850	38000	39150	41250	44000	46150	47750	48800	49400	49650	49700	49450	39100
Lower Quartile	28100	29100	30100	31100	32100	33100	34050	34950	35900	37600	39900	41750	43250	44350	45100	45600	45850	46100	32900
Lower Decile	26550	27400	28200	29050	29850	30650	31450	32200	32950	34300	36150	37650	38850	39750	40350	40800	41050	41300	29450
Mean	29700	30950	32200	33450	34700	35950	37150	38350	39500	41650	44500	46800	48450	49600	50300	50600	50700	50500	40350
Raw (Unsmoothed) Statistics																			
Upper Decile	32300	33400	35200	39850	41850	41250	48000	44250	47000	49800	52150	54700	58150	57750	59650	62100	67300	61300	52700
Upper Quartile	30100	31700	33550	35950	37800	38100	44450	40750	43300	45200	49050	48950	51600	53250	54950	56900	57550	56600	46450
Median	29000	30350	31900	34050	35100	35600	39250	37550	39400	40850	44300	44200	45850	48950	50000	50200	51850	50050	39100
Lower Quartile	27850	28650	30100	32050	32100	33450	35200	34950	35050	37200	40650	41300	41750	44600	45150	45400	46850	46750	32900
Lower Decile	26600	26700	27850	30200	29350	31300	32450	32900	32400	34300	35750	38350	37250	38400	41450	40050	41800	42350	29450
Mean	29400	30350	31700	34400	35350	36100	39750	38050	39400	41400	44450	45400	46850	48250	50300	51400	53400	51300	40350
Supporting Data																			
Total Number	252	247	245	208	241	173	206	170	161	415	263	226	200	154	120	118	102	195	3695
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	3	1	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	9

1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	39550	41450	43400	45350	47350	49350	51350	55400	61350	66950	72050	76500	80200	83050	85100	87450	71800
Upper Quartile	0	0	36200	37800	39400	41000	42650	44250	45900	49100	53700	57900	61500	64450	66700	68400	69550	70950	59900
Median	0	0	34300	35600	36900	38250	39550	40850	42100	44600	48050	51050	53550	55500	57000	58050	58750	59500	50250
Lower Quartile	0	0	32800	33800	34750	35700	36650	37600	38500	40250	42750	45000	47000	48650	50000	51100	51900	53100	43050
Lower Decile	0	0	30650	31400	32200	33050	33850	34650	35400	37000	39200	41200	42950	44400	45550	46350	46900	47450	37600
Mean	0	0	34500	35900	37300	38750	40150	41600	42950	45700	49600	53100	56150	58750	60800	62350	63500	64750	53700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39050	44450	40350	45500	46400	48700	54950	57750	58850	66850	75350	71250	78400	90000	96250	83600	71800
Upper Quartile	0	0	35700	37850	38750	40550	42750	44150	48900	50350	51600	58000	63100	64550	65500	66500	72650	73100	59900
Median	0	0	34750	35400	36200	37000	39900	40600	42700	46300	46750	50600	54100	56650	54350	57650	62300	60550	50250
Lower Quartile	0	0	33500	33250	34350	34000	36900	37850	39300	41500	42150	44600	46950	48650	49100	50900	55150	53700	43050
Lower Decile	0	0	32100	30700	32750	31000	34800	32600	37350	37900	38200	41550	44400	44300	42800	47600	50400	47050	37600
Mean	0	0	34950	35900	36400	37600	40200	40800	44550	47950	47850	52800	56500	57550	60200	64950	67500	63850	53700
Supporting Data																			
Total Number	2	5	23	17	25	40	42	43	34	148	164	170	115	147	110	110	80	111	1383
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	2	0	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	69000	71750	76000	80550	89800	98500	104950	108750	111250	93950
Upper Quartile	0	0	0	0	0	0	0	0	0	60050	62250	64350	68400	74450	80350	84900	87700	89700	75100
Median	0	0	0	0	0	0	0	0	0	55000	55600	56650	59750	63400	66950	69850	71950	73950	63300
Lower Quartile	0	0	0	0	0	0	0	0	0	47100	48400	49300	52900	56800	60200	62700	64200	65350	54750
Lower Decile	0	0	0	0	0	0	0	0	0	40700	41300	44150	47750	51200	53900	55650	56650	57250	46400
Mean	0	0	0	0	0	0	0	0	0	56500	57000	58000	62800	68400	73350	76850	78850	80150	67800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	98500	66250	79200	83100	78800	98500	138350	105850	93100	93950
Upper Quartile	0	0	0	0	0	0	0	0	0	96250	60750	66350	77250	68800	77250	90000	86250	83450	75100
Median	0	0	0	0	0	0	0	0	0	58000	52600	56800	64650	63600	64350	67000	68500	73650	63300
Lower Quartile	0	0	0	0	0	0	0	0	0	49250	45700	49750	54100	58350	57400	60000	61400	65250	54750
Lower Decile	0	0	0	0	0	0	0	0	0	40700	41300	44150	46600	53900	50900	55400	56300	53750	46400
Mean	0	0	0	0	0	0	0	0	0	66850	53750	59700	65350	65150	72150	81250	76050	74850	67800
Supporting Data																			
Total Number	0	0	0	0	0	0	4	5	5	18	33	62	35	56	43	44	43	45	397
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	2	0	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	39350	41400	43400	45300	47150	48900	50600	53600	57400	60300	62350	63800	64750	65350	65650	65850	60450
Upper Quartile	0	0	35950	37550	39200	40800	42350	43900	45400	48150	51700	54350	56050	56950	57200	57000	56550	55450	53600
Median	0	0	34000	35350	36750	38100	39400	40700	41900	44200	47100	49250	50650	51450	51700	51600	51350	50550	47350
Lower Quartile	0	0	32500	33600	34650	35700	36700	37650	38500	40200	42300	43950	45250	46200	46850	47300	47550	47750	41100
Lower Decile	0	0	30750	31400	32100	32850	33550	34300	35050	36500	38500	40200	41500	42400	43000	43350	43550	43650	36200
Mean	0	0	34200	35700	37200	38600	39950	41200	42450	44650	47350	49450	50950	52000	52650	53050	53250	53350	48000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39050	44450	40350	45500	47300	48500	54900	54100	55150	59600	65000	66300	65450	64500	70800	69850	60450
Upper Quartile	0	0	35700	37850	38750	40550	42650	44000	47250	49200	49600	53300	57600	58100	55500	58450	62000	61250	53600
Median	0	0	34750	35400	36200	37000	39500	40750	42050	45500	46050	48550	51000	51500	51000	52450	56000	56500	47350
Lower Quartile	0	0	33500	33250	34350	34000	36800	38250	39050	41200	41500	43050	46050	45950	47650	49050	51700	50750	41100
Lower Decile	0	0	32100	30700	32750	31000	34550	32000	37250	37200	37750	40550	43400	42550	42100	47100	46400	43600	36200
Mean	0	0	34950	35900	36400	37600	40100	40800	43850	45350	46400	48950	52500	52900	52350	54100	57200	56500	48000
Supporting Data																			
Total Number	2	5	23	17	25	40	38	40	31	130	130	108	80	91	68	65	36	66	986
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

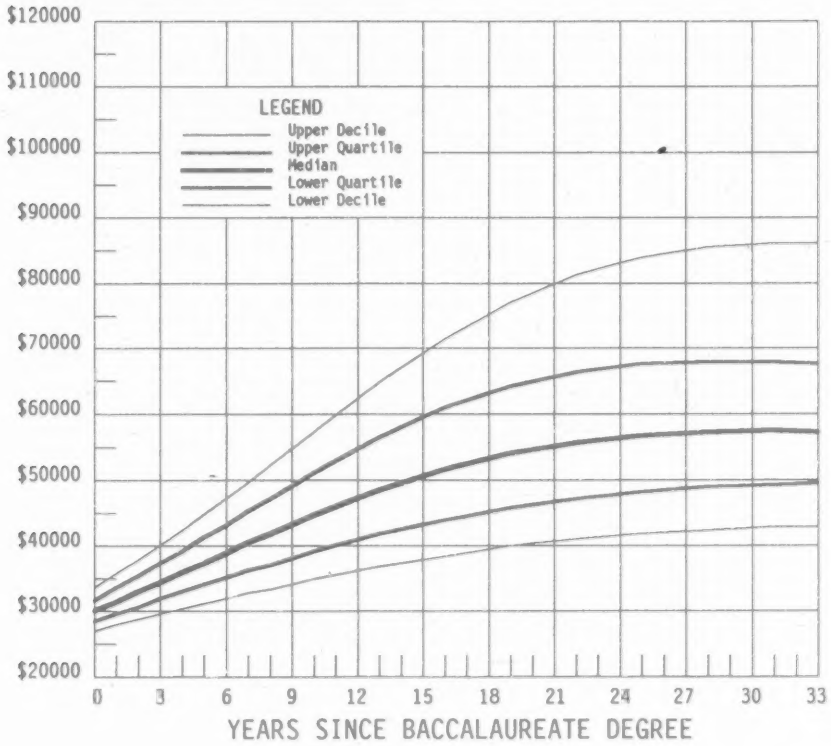
1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	59400	66250	72000	76650	80100	82600	84300	85400	86550	80050
Upper Quartile	0	0	0	0	0	0	0	0	0	53350	59400	64400	68300	71150	73150	74450	75250	75850	70450
Median	0	0	0	0	0	0	0	0	0	48150	52800	56700	59800	62000	63550	64500	65050	65400	60600
Lower Quartile	0	0	0	0	0	0	0	0	0	43600	48550	52200	54800	56500	57550	58150	58500	58700	53950
Lower Decile	0	0	0	0	0	0	0	0	0	41300	44500	47450	50000	52000	53500	54500	55100	55550	47700
Mean	0	0	0	0	0	0	0	0	0	48950	54500	59000	62450	64950	66650	67700	68350	68800	63200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	55100	76950	67200	75150	74950	89000	82500	93500	88250	80050
Upper Quartile	0	0	0	0	0	0	0	0	0	52250	62350	62000	67850	69800	75600	75250	79000	77350	70450
Median	0	0	0	0	0	0	0	0	0	48500	52100	57350	59350	62900	62500	66350	69200	66300	60600
Lower Quartile	0	0	0	0	0	0	0	0	0	43750	48400	51500	55450	57350	56200	58550	62150	60500	53950
Lower Decile	0	0	0	0	0	0	0	0	0	40850	46300	44600	50650	52800	53150	56200	57750	56250	47700
Mean	0	0	0	0	0	0	0	0	0	48200	56700	56550	62950	63850	67550	68950	72900	69700	63200
Supporting Data																			
Total Number	0	0	0	0	0	2	4	4	7	19	33	36	53	48	54	35	33	44	369
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	59400	62650	66100	69600	73100	76550	79800	82700	87850	73600
Upper Quartile	0	0	0	0	0	0	0	0	0	53150	56650	60050	63350	66400	69150	71600	73700	77100	64700
Median	0	0	0	0	0	0	0	0	0	48400	51750	54850	57600	60050	62100	63800	65100	67100	57950
Lower Quartile	0	0	0	0	0	0	0	0	0	44900	47500	50000	52400	54650	56700	58550	60100	62650	51500
Lower Decile	0	0	0	0	0	0	0	0	0	41200	43950	46550	49000	51150	53100	54750	56100	58200	46250
Mean	0	0	0	0	0	0	0	0	0	49250	52450	55550	58400	61100	63450	65500	67250	70000	58900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	55300	68800	65200	68200	71800	81750	75450	75050	86500	73600
Upper Quartile	0	0	0	0	0	0	0	0	0	52600	57350	60250	62250	66650	73000	68000	71000	73000	64700
Median	0	0	0	0	0	0	0	0	0	48500	50600	56650	57700	60550	60350	64000	64500	63150	57950
Lower Quartile	0	0	0	0	0	0	0	0	0	44400	48000	49600	52900	55400	55550	58000	60250	58750	51500
Lower Decile	0	0	0	0	0	0	0	0	0	40550	45800	44100	49900	52200	51950	56200	55100	54050	46250
Mean	0	0	0	0	0	0	0	0	0	48350	53500	55350	58350	61600	64100	63700	64950	66600	58900
Supporting Data																			
Total Number	0	0	0	0	0	2	4	4	6	17	28	31	39	32	33	24	17	27	266
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

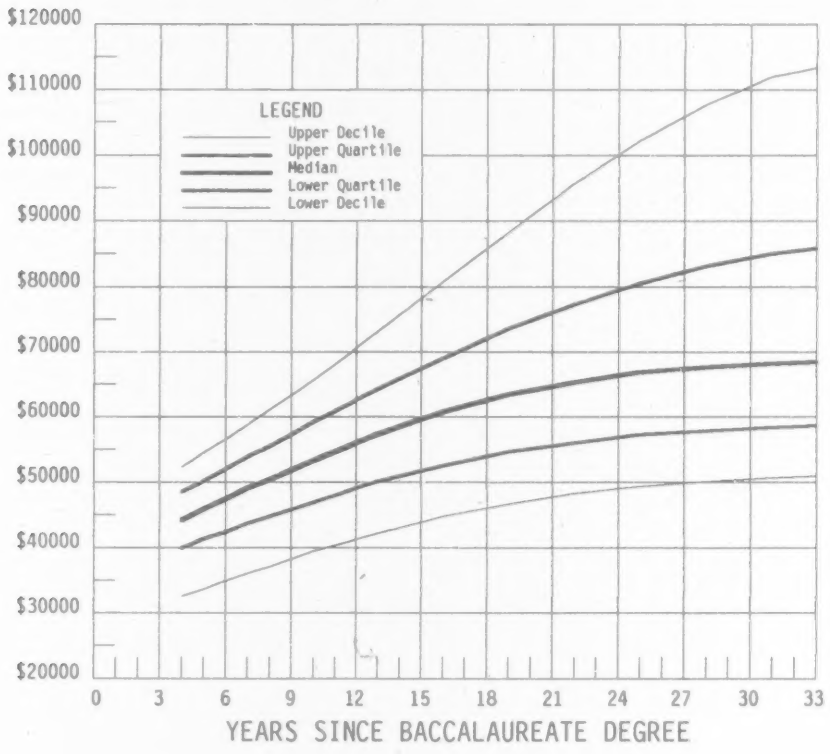
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33650	35700	37850	40050	42400	44750	47200	49700	52200	57300	64700	71450	77000	81200	83950	85500	86200	86100	66900
Upper Quartile	31650	33500	35350	37250	39250	41200	43250	45250	47250	51150	56550	61000	64350	66500	67650	68000	67900	66950	55650
Median	30100	31550	33000	34500	36000	37450	38950	40450	41900	44700	48500	51650	54050	55750	56750	57300	57500	57300	45000
Lower Quartile	28550	29650	30800	31900	33000	34100	35150	36200	37200	39150	41800	44000	45800	47250	48300	49000	49450	49850	36500
Lower Decile	27050	27900	28750	29550	30350	31150	31950	32700	33450	34900	36800	38500	39900	41050	41900	42500	42900	43300	31700
Mean	30350	31800	33300	34850	36400	37950	39500	41050	42600	45650	49900	53550	56550	58850	60450	61450	62050	62450	48150
Raw (Unsmoothed) Statistics																			
Upper Decile	33400	35400	37400	39100	41800	44700	48700	51150	54650	59300	63850	68200	74450	75850	84850	90050	84050	93700	66900
Upper Quartile	31850	33300	35150	36700	38250	40950	43900	46200	49050	52400	55800	60000	62500	64250	68750	68650	68050	70050	55650
Median	30300	31600	32750	34100	35150	37500	39500	41400	42450	45150	47800	51550	52750	54600	58050	59000	58350	57800	45000
Lower Quartile	28600	30000	30700	31850	32350	34250	35350	35900	37450	39450	41750	43850	45200	47200	50400	50000	49650	48900	36500
Lower Decile	27050	28050	28600	30150	30100	30800	31950	32350	33350	35000	36650	39050	39450	41250	43650	43600	42850	42050	31700
Mean	30450	32000	33100	34500	35700	37850	39950	41450	43500	46350	49400	53000	55400	57400	62350	62900	61750	63900	48150
Supporting Data																			
Total Number	564	529	673	807	828	774	828	952	844	2119	1716	1430	1238	1125	868	757	826	1009	17867
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	2	13	13	11	35	77
Less Than $22000	0	4	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	8

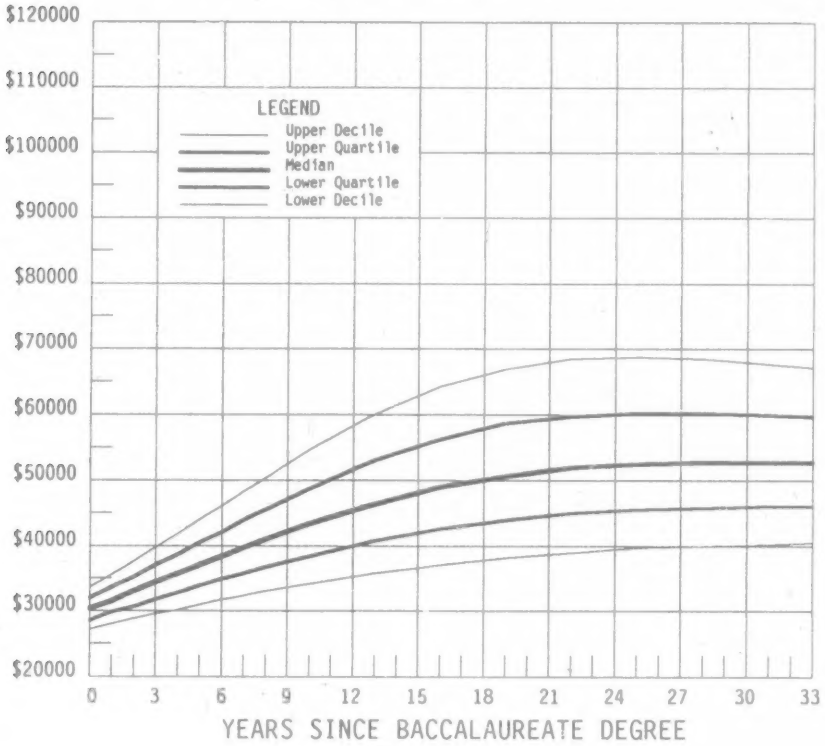
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52350	54400	56500	58700	60950	65600	73000	80700	88350	95700	102250	107750	111950	117000	91350
Upper Quartile	0	0	0	0	48400	50150	51950	53750	55550	59100	64300	69150	73550	77350	80550	83150	85100	88000	71900
Median	0	0	0	0	44300	45900	47450	45000	50500	53450	57400	60750	63450	65450	66850	67750	68300	68700	61300
Lower Quartile	0	0	0	0	39950	41200	42450	43650	44800	47000	50050	52550	54600	56100	57250	57950	58450	58900	51800
Lower Decile	0	0	0	0	32450	33700	34900	36050	37200	39350	42250	44700	46700	48250	49400	50200	50750	51200	44300
Mean	0	0	0	0	43950	45500	47100	48700	50250	53400	57900	62100	65850	69050	71750	73850	75500	77800	65200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	52400	55550	54800	55500	62000	68150	73650	78550	88350	92600	108150	109600	103900	122600	91350
Upper Quartile	0	0	0	0	47000	47400	51100	51400	55850	62250	65700	67400	73750	73600	83700	84400	80400	92100	71900
Median	0	0	0	0	44000	43450	47250	47500	51500	55400	57350	60350	62950	63450	69650	67300	67800	69800	61300
Lower Quartile	0	0	0	0	36000	41450	43900	41100	45000	49550	50100	51750	53300	53800	61000	59700	58300	58550	51800
Lower Decile	0	0	0	0	28800	31050	41600	33750	38550	40700	42150	43050	45500	47650	54000	50900	53300	48700	44300
Mean	0	0	0	0	41900	44300	47800	46300	51100	55650	58200	61000	65350	66550	75750	74700	73650	79000	65200
Supporting Data																			
Total Number	3	4	2	13	24	46	66	114	120	334	410	443	396	428	332	315	279	385	3711
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	2	13	13	11	34	76
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33550	35500	37550	39650	41800	43950	46150	48300	50450	54550	60000	64200	67000	68400	68750	68400	67650	65700	58800
Upper Quartile	31900	33550	35250	37000	38750	40450	42200	43900	45600	48800	53000	56250	58550	59850	60400	60350	60050	58950	50350
Median	30300	31600	33000	34350	35700	37050	38400	39700	40950	43350	46500	49000	50800	52000	52650	52900	52900	52500	41850
Lower Quartile	28650	29750	30800	31800	32850	33850	34850	35800	36750	38500	40800	42650	44000	45000	45650	46000	46150	46200	34800
Lower Decile	27200	28000	28750	29550	30250	31000	31700	32350	33000	34200	35800	37150	38200	39050	39650	40100	40400	40650	31000
Mean	30400	31800	33200	34600	36050	37450	38800	40150	41500	44000	47300	49900	51800	53050	53700	53950	53900	53500	43700
Raw (Unsmoothed) Statistics																			
Upper Decile	33350	35300	37400	38750	41150	43900	47400	49850	52650	56150	58650	62550	63900	65450	67000	67700	70800	69950	58800
Upper Quartile	31800	33300	35150	36600	38000	40500	43050	45200	46800	49650	51900	55350	57050	58050	59400	60750	62300	61050	50350
Median	30300	31550	32750	34000	35050	37300	39000	40900	41500	43750	45800	48500	49500	50700	53600	53450	54600	53200	41850
Lower Quartile	28600	30000	30700	31800	32350	34150	35000	35650	36850	38850	40550	42500	43150	44850	46750	46100	47050	46200	34800
Lower Decile	27050	28750	28600	30150	30200	30800	31650	32050	33000	34350	35550	37650	37750	38600	40200	41700	40700	40150	31000
Mean	30350	31800	33050	34350	35550	37450	39300	40800	42250	44650	46600	49400	50600	51800	53900	54150	55700	54550	43700
Supporting Data																			
Total Number	561	525	672	795	804	731	761	837	725	1784	1304	987	841	700	532	437	547	625	14159
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	4	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	8

1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33150	35200	37350	39550	41900	44250	46700	49150	51650	56700	63900	70250	75300	78850	81000	81950	82150	81350	64050
Upper Quartile	31550	33300	35100	37000	38900	40800	42750	44650	46600	50300	55400	59650	62750	64800	65850	66200	66100	65200	53600
Median	30000	31400	32800	34250	35650	37050	38500	39900	41250	43900	47500	50450	52750	54400	55400	55950	56200	56150	43100
Lower Quartile	28450	29550	30600	31650	32700	33700	34750	35700	36650	38500	41000	43100	44900	46300	47350	48100	48550	49000	35100
Lower Decile	27100	27850	28600	29400	30150	30850	31600	32300	33000	34350	36150	37750	39100	40200	41000	41600	41950	42350	31050
Mean	30150	31550	33000	34500	36000	37500	39000	40500	42000	44900	48950	52450	55250	57400	58850	59750	60300	60650	46250
Raw (Unsmoothed) Statistics																			
Upper Decile	33250	34600	37100	38650	40850	43850	47750	51000	54150	59250	63200	67500	72450	71200	79850	83800	80400	90300	64050
Upper Quartile	31750	33100	34750	36500	37800	40600	43400	45950	48350	51550	54800	58750	60350	62050	65900	66100	66600	68300	53600
Median	30250	31400	32450	33850	34750	37200	39200	41200	41700	44300	46700	50450	51000	53150	56800	57800	57400	56000	43100
Lower Quartile	28550	29800	30550	31650	32100	33850	34800	35350	36800	38850	41050	42950	44200	46450	49200	48550	49000	47900	35100
Lower Decile	27050	27900	28450	30050	29950	30450	31650	32050	33000	34400	36100	38500	38400	39900	42000	43050	42150	41350	31050
Mean	30300	31500	32750	34250	35200	37350	39500	41100	42900	45800	48550	52050	53650	55200	60050	60500	60250	62400	46250
Supporting Data																			
Total Number	552	492	617	721	725	654	700	824	711	1688	1302	986	886	776	574	519	608	783	14112
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	1	6	4	6	26	45
Less Than $22000	0	4	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	8

1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52000	54100	56250	58450	60700	65200	72050	78850	85400	91400	96850	101450	105300	111250	86650
Upper Quartile	0	0	0	0	48350	50100	51800	53550	55250	58600	63450	67850	71750	75000	77700	79750	81300	83450	69850
Median	0	0	0	0	44000	45500	47000	48450	49850	52600	56250	59350	61800	63600	64850	65600	66050	66400	59400
Lower Quartile	0	0	0	0	39200	40350	41500	42600	43700	45750	48500	50800	52650	54000	55000	55650	56050	56400	49850
Lower Decile	0	0	0	0	32450	33500	34550	35600	36600	38500	41150	43450	45300	46800	47850	48600	49100	49500	42750
Mean	0	0	0	0	43650	45150	46650	48150	49650	52600	56800	60600	64000	66850	69200	71000	72400	74300	62800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	47000	53600	55200	55550	61900	68500	73500	78650	85400	85500	100950	98900	98300	121450	86650
Upper Quartile	0	0	0	0	45500	46450	50850	51200	55400	62450	65750	66700	72000	69150	79350	79200	78900	89150	69850
Median	0	0	0	0	40000	43300	46750	47450	51450	54850	56500	59050	60700	60650	66900	66000	67050	67600	59400
Lower Quartile	0	0	0	0	29650	41450	43400	41050	44750	48800	48800	49850	49750	51250	59400	58650	56600	56250	49850
Lower Decile	0	0	0	0	28650	30800	41400	33700	38250	39650	40550	41650	44850	46250	52550	48700	52500	47300	42750
Mean	0	0	0	0	38950	43000	47550	46250	50950	55150	57600	60100	62950	62750	72800	71150	71800	76800	62800
Supporting Data																			
Total Number	3	2	1	12	20	42	58	109	98	278	307	304	284	310	214	221	207	307	2773
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	1	6	4	6	26	45
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33100	35050	37100	39200	41350	43500	45650	47800	49900	53950	59200	63100	65550	66600	66650	66000	65050	62850	57000
Upper Quartile	31750	33350	35000	36700	38350	40050	41700	43350	44950	48000	52000	55100	57250	58500	59000	59000	58700	57700	48450
Median	30150	31450	32750	34050	35400	36650	37950	39200	40400	42700	45700	48100	49850	51050	51750	52050	52100	51850	40250
Lower Quartile	28600	29600	30600	31550	32550	33500	34450	35350	36250	37900	40050	41800	43150	44150	44800	45150	45350	45450	33700
Lower Decile	27250	27950	28650	29350	30000	30650	31300	31900	32500	33600	35100	36300	37250	38000	38550	38900	39150	39450	30500
Mean	30200	31550	32900	34250	35650	37000	38350	39650	40900	43300	46450	48900	50650	51750	52350	52550	52450	52000	42200
Raw (Unsmoothed) Statistics																			
Upper Decile	33200	34550	37100	38300	40650	43200	46550	49700	52150	55800	57750	61000	62450	62950	65100	63900	67550	68050	57000
Upper Quartile	31750	33100	34750	36400	37700	40050	42550	44800	46200	48800	50400	54400	55600	56600	58500	59450	61250	59450	48450
Median	30250	31400	32450	33800	34700	37000	38650	40350	40750	42950	45050	47400	48300	50100	53100	53000	53900	52100	40250
Lower Quartile	28550	29750	30550	31600	32150	33700	34500	35150	36250	38250	39950	41800	41950	44400	45700	45400	46200	45500	33700
Lower Decile	27050	27900	28450	30050	30050	30400	31400	31550	32700	33750	34900	36950	36500	36750	38850	41200	39350	39650	30500
Mean	30200	31450	32750	34100	35100	36950	38800	40350	41600	43900	45800	48500	49200	50350	52550	52600	54300	53150	42200
Supporting Data																			
Total Number	549	491	615	710	706	615	644	717	611	1408	995	680	599	471	360	298	401	477	11340
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	4	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	8

1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	42550	44450	46450	48450	50500	52550	54650	58900	65250	71400	77150	82250	86550	90000	92500	95400	72000
Upper Quartile	0	0	37850	39650	41550	43450	45350	47250	49100	52750	57800	62050	65400	67700	69150	69900	70200	69950	60550
Median	0	0	35050	36550	38100	39600	41100	42600	44050	46850	50650	53750	56100	57750	58750	59250	59450	59300	50600
Lower Quartile	0	0	33200	34350	35450	36550	37600	38650	39650	41600	44150	46250	47900	49100	49950	50450	50750	50950	42300
Lower Decile	0	0	31700	32600	33400	34250	35000	35750	36500	37800	39500	40900	42000	42800	43400	43800	44050	44250	36700
Mean	0	0	36150	37650	39100	40600	42050	43500	44950	47750	51650	55100	58100	60550	62450	63850	64800	65800	53750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41750	41600	49800	47850	51700	51550	57900	59300	64900	67500	77500	83900	89000	97000	90850	94600	72000
Upper Quartile	0	0	37450	37750	41500	43200	47400	46750	51400	54050	56800	60500	64000	67250	71400	71800	69950	72600	60550
Median	0	0	35600	35800	37550	39100	41400	42850	45300	47800	50250	52250	56450	57450	59050	60200	59950	61350	50600
Lower Quartile	0	0	34100	33600	35000	36050	37700	39100	40450	42050	44000	45500	48200	48150	50850	51350	50850	52700	42300
Lower Decile	0	0	32500	32050	33100	33600	35300	36400	37300	38150	38300	40550	43650	42250	44600	44900	43850	44200	36700
Mean	0	0	36750	36500	39200	40300	42600	43350	46300	48250	51100	53650	58650	60250	64300	66500	64150	66400	53750
Supporting Data																			
Total Number	11	36	55	84	103	113	121	119	122	382	365	366	292	300	222	204	195	195	3277
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	7	4	6	23
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	62650	65400	72400	81450	91250	100300	107550	112550	115450	117400	97850
Upper Quartile	0	0	0	0	0	0	0	0	59900	60750	64850	70650	76650	81900	85800	88300	89650	90500	76950
Median	0	0	0	0	0	0	0	0	54000	55850	59550	63200	66150	68200	69400	70050	70350	70500	64700
Lower Quartile	0	0	0	0	0	0	0	0	49250	50800	53600	56250	58450	60000	61000	61550	61800	61950	57600
Lower Decile	0	0	0	0	0	0	0	0	42550	44700	47800	50500	52700	54300	55400	56050	56450	56650	50900
Mean	0	0	0	0	0	0	0	0	53850	55550	59700	64700	69550	73600	76550	78400	79400	80000	70650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	62250	65200	74150	78800	92000	98500	113100	121800	111000	122750	97850
Upper Quartile	0	0	0	0	0	0	0	0	59500	61350	65250	68000	78800	85000	84500	95000	83750	97900	76950
Median	0	0	0	0	0	0	0	0	53000	57450	58900	61700	67500	70000	72350	70850	68350	74450	64700
Lower Quartile	0	0	0	0	0	0	0	0	47500	53400	52850	54600	59400	62000	63650	60800	61200	36150	57600
Lower Decile	0	0	0	0	0	0	0	0	39800	48200	48050	47100	54200	57050	56800	55550	57100	59950	50900
Mean	0	0	0	0	0	0	0	0	52500	57300	59600	62500	71150	74900	78800	80900	77050	85250	70650
Supporting Data																			
Total Number	0	2	1	1	4	4	9	7	22	48	94	112	94	104	88	84	68	69	803
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	7	4	6	23
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41700	43500	45350	47150	48950	50750	52450	55700	60000	63350	65700	67150	67900	68050	67900	67100	61950
Upper Quartile	0	0	37800	39500	41200	42900	44550	46150	47700	50650	54400	57200	59050	60000	60300	60150	59750	58600	54300
Median	0	0	35150	36550	37950	39300	40650	41900	43150	45450	48300	50450	51800	52550	52750	52650	52350	51500	47050
Lower Quartile	0	0	32950	34200	35350	36450	37500	38450	39350	40950	42850	44200	45200	45850	46300	46550	46700	46800	40200
Lower Decile	0	0	31800	32600	33400	34150	34850	35500	36100	37150	38450	39450	40150	40650	40950	41150	41250	41300	35700
Mean	0	0	35950	37350	38700	40050	41350	42650	43850	46150	49050	51250	52800	53700	54100	54200	54050	53500	48250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40700	40900	47100	46750	51250	50400	54950	56400	58850	62350	64400	65650	67000	71250	73850	71300	61950
Upper Quartile	0	0	37350	37650	40900	42850	46400	46300	49500	52450	52550	55650	58850	58500	59100	63400	63750	63250	54300
Median	0	0	35550	35750	37300	39000	40800	42450	44100	46600	47650	49350	52000	50550	53500	53900	55050	55900	47050
Lower Quartile	0	0	34050	33600	34950	36050	37450	38900	40000	41400	41900	44050	46000	45200	47600	48400	47700	48400	40200
Lower Decile	0	0	32500	32050	33000	33700	35100	36250	36900	37600	37000	38800	41900	40550	43050	42850	42000	41300	35700
Mean	0	0	36350	36300	38500	39650	42100	42950	45050	47000	47900	50100	53050	52550	54750	56450	57350	56450	48250
Supporting Data																			
Total Number	11	34	54	83	99	109	113	112	101	335	269	258	199	197	135	122	127	127	2472
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

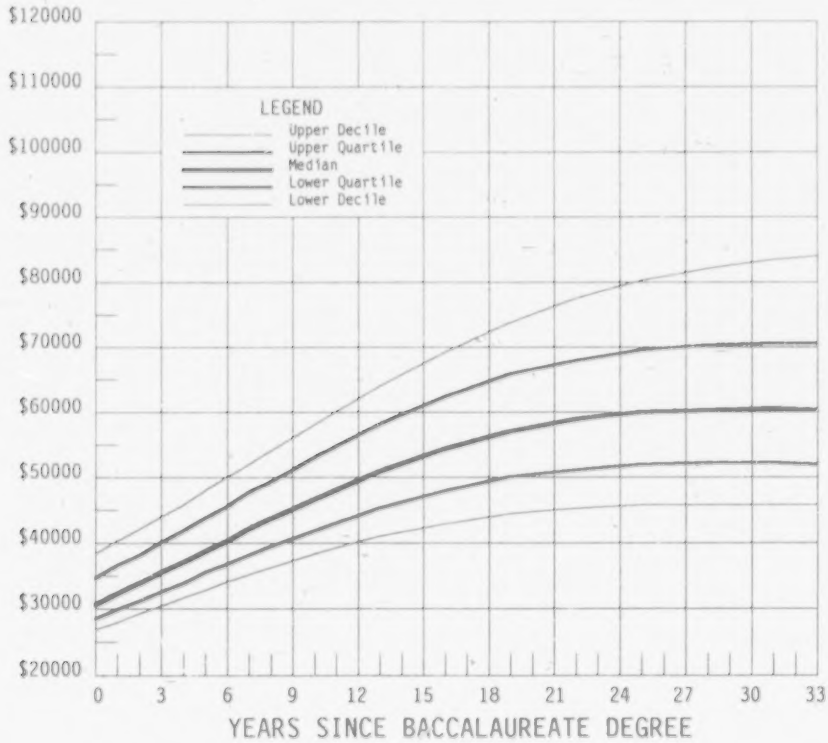
1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	54250	55900	59800	67050	75600	84950	94350	102850	109750	114600	119250	92900
Upper Quartile	0	0	0	0	0	0	0	50700	52450	56250	62700	69450	76000	81700	86200	89350	91300	92800	73600
Median	0	0	0	0	0	0	0	45950	47550	51050	56550	61450	65200	67700	69150	69900	70200	70350	61750
Lower Quartile	0	0	0	0	0	0	0	41550	43450	47100	51650	54900	56850	57900	58400	58600	58650	58700	52750
Lower Decile	0	0	0	0	0	0	0	38750	40050	42500	45600	47800	49150	49950	50300	50450	50550	50550	45800
Mean	0	0	0	0	0	0	0	46650	48400	51900	57350	62600	67250	71150	74050	76050	77250	78150	66300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	56000	52800	60000	69450	73850	82000	98000	103750	123750	110850	124500	92900
Upper Quartile	0	0	0	0	0	0	0	51500	51000	56250	64450	68000	74000	85000	87800	95000	86250	101250	73600
Median	0	0	0	0	0	0	0	48000	46400	50000	58550	60650	64800	70000	70450	74650	66500	73000	61750
Lower Quartile	0	0	0	0	0	0	0	42500	44600	45050	54600	56000	52600	62000	59650	60000	55600	63500	52750
Lower Decile	0	0	0	0	0	0	0	39500	41600	40400	49200	47950	45350	52700	53350	50300	46100	56150	45800
Mean	0	0	0	0	0	0	0	47650	47250	51550	59350	61450	65100	73450	75850	81050	73500	84450	66300
Supporting Data																			
Total Number	1	0	2	1	3	7	4	10	12	50	49	76	58	48	71	32	27	31	478
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	3	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	53800	55350	59300	66500	73800	80050	84550	87350	88850	89550	89850	78250
Upper Quartile	0	0	0	0	0	0	0	50150	51900	56100	62550	67800	71200	73050	73900	74250	74350	74350	67850
Median	0	0	0	0	0	0	0	46400	47300	50300	55400	59300	61650	62800	63250	63400	63450	63500	57950
Lower Quartile	0	0	0	0	0	0	0	41200	43000	46400	50550	53400	54800	54950	54300	53150	51900	49450	49800
Lower Decile	0	0	0	0	0	0	0	39400	40050	41850	44300	45800	46550	46850	46950	46950	46950	46950	44300
Mean	0	0	0	0	0	0	0	46350	47800	51100	56200	60350	63150	64750	65500	65850	65950	66000	60350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	56000	52800	59200	67350	73600	78400	89000	88000	88000	93500	99750	78250
Upper Quartile	0	0	0	0	0	0	0	51500	51000	55250	63800	68000	71500	75000	74000	77000	76500	79000	67850
Median	0	0	0	0	0	0	0	48000	46400	49000	58150	59100	60650	67350	63350	64000	64500	67350	57950
Lower Quartile	0	0	0	0	0	0	0	42500	44600	44200	53750	53750	49500	60000	54750	52250	54100	59000	49800
Lower Decile	0	0	0	0	0	0	0	39500	41600	39900	48600	44600	44150	50300	51350	46400	44900	50300	44300
Mean	0	0	0	0	0	0	0	47650	47250	49900	58500	60100	61200	68750	66300	66000	68350	74000	60350
Supporting Data																			
Total Number	1	0	2	1	3	7	4	10	12	42	41	52	42	32	38	18	23	21	345
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

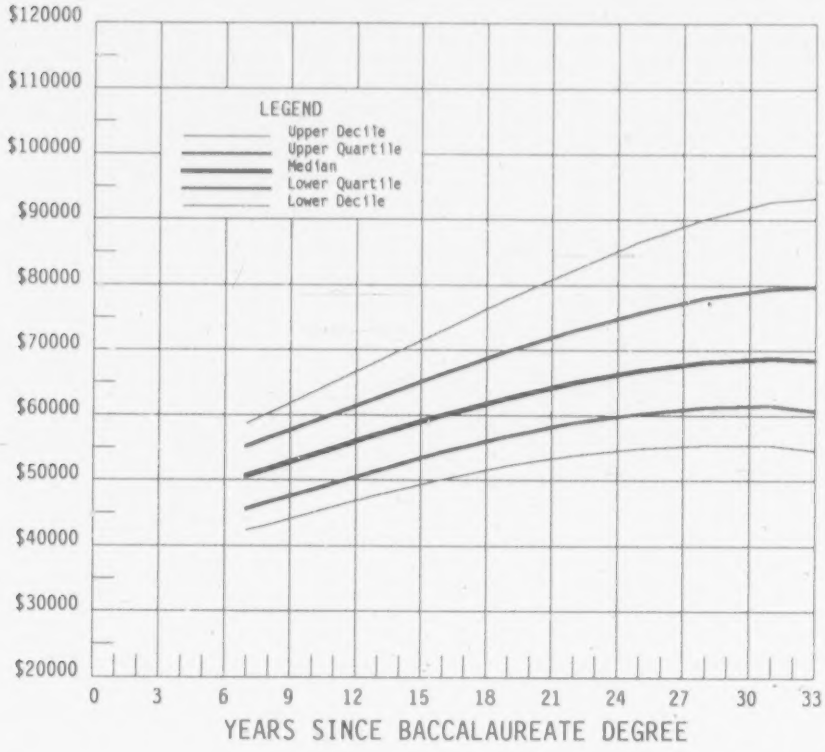
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38300	40150	42050	44000	46000	48000	50050	52050	54100	58150	64000	69300	73800	77500	80250	82250	83600	85050	70100
Upper Quartile	34600	36400	38200	40050	41900	43800	45700	47600	49450	53100	58150	62400	65750	68100	69600	70400	70700	70550	59900
Median	30700	32250	33850	35450	37100	38750	40400	42050	43650	46750	51000	54450	57100	58900	59900	60350	60450	60000	50500
Lower Quartile	28500	29850	31200	32600	34000	35400	36750	38100	39450	41950	45300	48000	50000	51250	51950	52200	52200	51750	41750
Lower Decile	26950	28100	29300	30500	31700	32900	34050	35200	36250	38350	41000	43050	44550	45450	45900	46000	45900	45450	35350
Mean	32100	33600	35150	36750	38300	39900	41500	43100	44700	47750	51950	55600	58500	60700	62150	63050	63550	63800	52300
Raw (Unsmoothed) Statistics																			
Upper Decile	34100	40200	41000	44750	48850	48900	52450	52700	55100	58500	62550	66850	72600	75900	83550	84900	86400	86600	70100
Upper Quartile	32800	34950	37600	39900	43800	45000	48000	47300	50300	53750	57200	61300	63800	66700	70900	71650	72750	72950	59900
Median	30550	32000	33600	36150	36900	39200	41150	41200	43300	47200	50200	54900	56350	58550	60600	61500	61900	60450	50500
Lower Quartile	28650	29550	31150	32900	33550	35850	37250	37500	39400	42100	44950	48850	49250	50400	52050	54000	52600	52600	41750
Lower Decile	26500	27500	29400	30550	32200	33350	34200	35150	36450	38500	40450	43500	43500	45300	46150	47250	45350	46850	35350
Mean	31000	33350	34750	36750	39000	40550	42700	42800	44800	48150	51150	55400	57600	59700	63500	64400	64450	65100	52300
Supporting Data																			
Total Number	97	134	170	182	218	246	251	282	295	780	689	711	579	527	396	344	323	445	6657
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	2	2	8	17
Less Than $22000	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

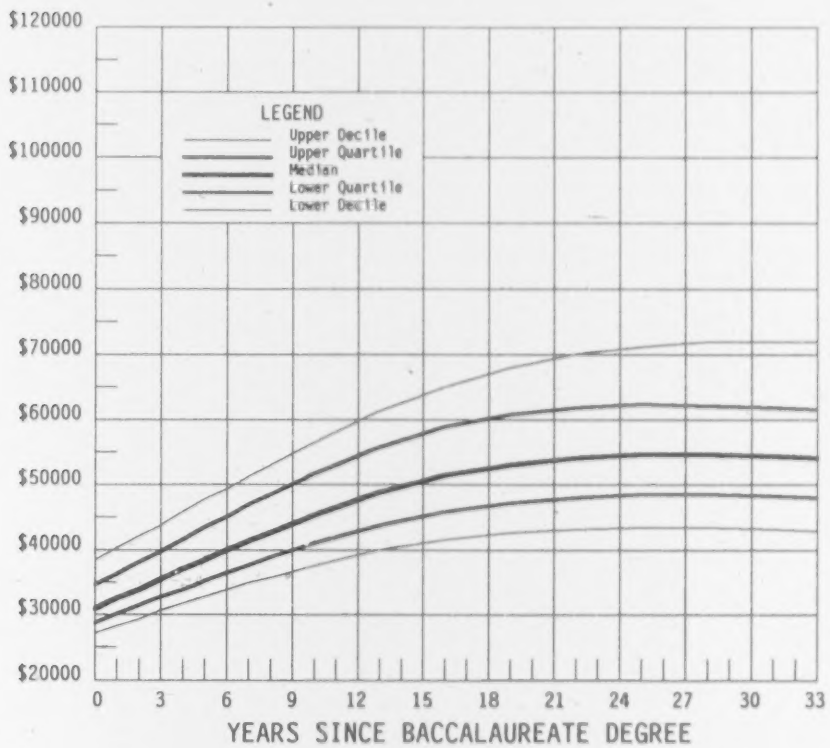
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	58750	60250	63350	68150	73050	77850	82400	86600	90100	92750	94550	81850
Upper Quartile	0	0	0	0	0	0	0	55200	56450	58950	62700	66350	69900	73100	75850	78100	79600	79750	71400
Median	0	0	0	0	0	0	0	50700	51750	53900	57050	60050	62800	65150	67050	68300	68900	67000	62550
Lower Quartile	0	0	0	0	0	0	0	45550	46550	48600	51550	54300	56800	58850	60400	61300	61500	58700	55900
Lower Decile	0	0	0	0	0	0	0	42350	43300	45100	47700	50150	52250	53900	55050	55550	55450	52250	50650
Mean	0	0	0	0	0	0	0	50600	51750	54050	57500	60900	64100	67000	69500	71450	72700	72450	65250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	70800	62650	65250	67100	70550	78650	80900	92500	89400	94850	95000	81850
Upper Quartile	0	0	0	0	0	0	0	63000	60650	59750	62400	63950	70350	73050	79100	79450	78250	80950	71400
Median	0	0	0	0	0	0	0	52500	55000	54750	56400	59650	62150	65050	69050	67900	69050	68250	62550
Lower Quartile	0	0	0	0	0	0	0	47750	51500	48650	50300	54450	56800	58700	61050	60850	61850	59900	55900
Lower Decile	0	0	0	0	0	0	0	38900	50000	43900	47400	50900	52450	52750	56000	55050	54550	53850	50650
Mean	0	0	0	0	0	0	0	54300	55600	54550	56750	59950	64400	66300	72300	71100	72450	73750	65250
Supporting Data																			
Total Number	1	1	1	1	4	7	6	13	20	88	192	296	248	226	160	151	142	190	1744
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	7	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38350	40150	42000	43850	45750	47600	49450	51300	53100	56600	61300	65150	68100	70100	71300	71900	72100	71850	61550
Upper Quartile	34550	36250	38050	39800	41600	43350	45100	46850	48500	51650	55750	58850	60900	62000	62350	62200	61800	60600	54100
Median	31050	32550	34000	35500	37000	38500	39950	41400	42800	45400	48750	51350	53100	54150	54550	54550	54300	53500	46500
Lower Quartile	28800	30100	31400	32700	33950	35200	36450	37650	38800	41000	43750	45850	47300	48100	48450	48450	48250	47650	39250
Lower Decile	27150	28300	29450	30550	31700	32800	33850	34900	35850	37700	39950	41650	42750	43300	43500	43400	43150	42550	33900
Mean	32100	33550	35050	36550	38050	39500	41000	42450	43850	46500	49950	52750	54750	56000	56650	56900	56850	56350	47700
Raw (Unsmoothed) Statistics																			
Upper Decile	33950	40000	40750	44600	48450	48600	52000	52150	53850	57400	59350	63400	64950	66500	72700	73800	75450	77100	61550
Upper Quartile	32750	34800	37400	39800	43300	44600	47800	46400	48750	52550	54500	57500	57900	60500	63000	63800	63900	64100	54100
Median	30500	31950	33550	36150	36700	39100	40950	40900	47800	46400	48200	50950	51150	52500	55200	56150	55800	55700	46500
Lower Quartile	28650	29550	31100	32850	33500	35800	37150	37400	39100	41600	43500	45750	45500	47200	48300	50200	48150	50200	39250
Lower Decile	26450	27450	29400	30550	32200	33300	34150	35050	36300	38300	39100	41050	41550	43000	44300	44250	42400	45000	33900
Mean	30650	33100	34600	36700	38650	40150	42450	42250	44000	47300	49000	52150	52450	54450	57550	58950	58400	58800	47700
Supporting Data																			
Total Number	96	133	168	181	214	238	246	270	275	690	499	418	334	297	236	192	182	258	4918
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	5
Less Than $22000	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34350	36200	38050	40000	41950	43950	45950	47950	49950	53900	59500	64350	68250	71150	73050	74150	74700	74800	64700
Upper Quartile	32250	33850	35500	37150	38850	40550	42300	44000	45650	48950	53500	57400	60450	62650	64150	64950	65350	65400	55950
Median	30250	31650	33100	34500	35950	37400	38800	40200	41600	44300	47900	50900	53250	54900	55950	56550	56800	56750	46700
Lower Quartile	28300	29550	30800	32050	33250	34500	35700	36900	38100	40300	43250	45650	47450	48650	49400	49800	49950	49800	38850
Lower Decile	26650	27750	28850	29950	31050	32150	33200	34200	35200	37100	39500	41450	42800	43750	44250	44450	44450	44200	33300
Mean	30750	32150	33550	35000	36450	37900	39350	40750	42200	44900	48700	51950	54600	56550	57950	58800	59300	59700	48500
Raw (Unsmoothed) Statistics																			
Upper Decile	34100	35200	38100	38850	43350	44100	46700	50000	48150	55500	59850	63100	66800	68600	70400	73500	78350	79650	64700
Upper Quartile	32800	33300	35600	37150	39200	40200	42950	43900	44000	49400	53550	58050	59400	62900	63000	65000	69150	66600	55950
Median	30550	31200	33000	35100	35650	37400	39000	40200	41400	44550	47250	51800	52250	55100	54700	57500	59200	58050	46700
Lower Quartile	28650	29000	30700	32050	33250	34700	35850	37150	38400	40300	42750	46400	46500	48850	47750	51450	51050	51400	38850
Lower Decile	26500	27100	28900	29700	31650	32650	33150	35050	35600	37550	38250	41450	42000	44250	43950	44950	44650	46200	33300
Mean	31000	31600	33450	34800	36650	37900	39600	41350	41550	45500	48300	52350	53750	56250	56250	58800	61450	62100	48500
Supporting Data																			
Total Number	97	108	108	97	110	118	123	160	153	384	321	331	281	238	168	151	176	288	3401
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	6	8
Less Than $22000	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	60900	64550	68200	71900	75450	78900	82050	84850	89800	76650
Upper Quartile	0	0	0	0	0	0	0	0	0	56100	59950	63600	66900	69750	71900	73250	73700	70300	67700
Median	0	0	0	0	0	0	0	0	0	51250	55100	58750	61900	64400	65950	66500	65950	59800	61200
Lower Quartile	0	0	0	0	0	0	0	0	0	45250	49050	52700	55850	58400	59950	60450	59750	53250	54500
Lower Decile	0	0	0	0	0	0	0	0	0	40950	44650	48200	51300	53650	55050	55250	54300	47200	49400
Mean	0	0	0	0	0	0	0	0	0	50950	54750	58400	61750	64700	66900	68350	68800	65450	62850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	64000	63500	67550	73600	71700	75900	81400	90500	96500	76650
Upper Quartile	0	0	0	0	0	0	0	0	0	58000	60500	63050	66300	67550	70100	71850	77100	76500	67700
Median	0	0	0	0	0	0	0	0	0	53300	55500	58450	60400	62900	64850	64750	68600	65350	61200
Lower Quartile	0	0	0	0	0	0	0	0	0	47250	48900	52600	54500	57700	58050	58900	61850	58400	54500
Lower Decile	0	0	0	0	0	0	0	0	0	42000	43550	50050	50700	51900	53150	54150	54350	52350	49400
Mean	0	0	0	0	0	0	0	0	0	52800	54600	58200	61400	62900	65800	66600	70900	71550	62850
Supporting Data																			
Total Number	1	0	0	0	0	3	4	9	4	50	80	113	104	101	61	69	77	117	786
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	5	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34450	36200	37900	39700	41450	43250	45000	46700	48400	51600	55750	59050	61300	62650	63250	63300	63050	62100	56800
Upper Quartile	32700	34150	35650	37150	38650	40150	41600	43050	44450	47100	50500	53250	55150	56350	56950	57150	57050	56500	50200
Median	30500	31800	33150	34500	35850	37200	38500	39750	41000	43300	46300	48600	50200	51200	51700	51800	51700	51150	43400
Lower Quartile	28500	29700	30900	32050	33250	34400	35500	36600	37650	39600	42100	44000	45300	46100	46500	46600	46500	46050	36950
Lower Decile	26750	27850	28900	29950	31000	32050	33050	34000	34950	36650	38800	40400	41500	42100	42350	42350	42200	41700	32300
Mean	30800	32150	33550	34900	36250	37550	38900	40150	41400	43750	46800	49150	50850	51900	52450	52600	52550	52100	44200
Raw (Unsmoothed) Statistics																			
Upper Decile	33950	35200	37900	38850	43350	43850	46050	48000	47000	52600	56000	58300	58700	60600	60250	62850	66650	66950	56800
Upper Quartile	32750	33300	35500	37150	39200	40150	42500	43450	43850	48150	49700	53600	53300	55400	55150	57300	59450	59750	50200
Median	30500	31200	32950	35100	35650	37400	38850	40050	41250	43800	45700	49050	48650	50600	49650	53400	53250	53800	43400
Lower Quartile	28650	29000	30700	32050	33250	34750	35650	37050	38350	39900	41600	44100	43950	45900	45400	46600	47000	49050	36950
Lower Decile	26450	27100	28900	29700	31650	32650	33050	34950	35500	37350	37350	39950	40950	41950	41850	41800	42300	44700	32300
Mean	30650	31600	33400	34800	36650	37900	39250	40700	41300	44450	46150	49250	49450	51400	50600	52400	54000	55450	44200
Supporting Data																			
Total Number	96	108	107	97	110	115	118	150	150	336	240	217	178	138	106	83	100	171	2613
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45150	46750	48450	50100	51800	53500	55250	58650	63750	68650	73150	77250	80700	83550	85700	88400	70350
Upper Quartile	0	0	42750	44200	45700	47150	48650	50100	51550	54350	58300	61850	64950	67500	69550	71150	72300	73900	60350
Median	0	0	37000	38550	40100	41600	43100	44600	46100	48850	52600	55700	58050	59700	60700	61250	61450	61400	51700
Lower Quartile	0	0	32000	33500	35000	36500	37950	39400	40850	43550	47050	49800	51700	52800	53250	53300	53050	52200	44350
Lower Decile	0	0	30200	31500	32750	34050	35250	36450	37600	39750	42450	44900	45750	46450	46650	46500	46200	45350	37900
Mean	0	0	37750	39200	40650	42100	43550	45000	46400	49150	53000	56350	59100	61300	62950	64100	64900	65750	53650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43800	46050	49800	49550	52950	53900	57500	58300	62900	67300	74750	75000	85300	84800	85850	89900	70350
Upper Quartile	0	0	40150	43450	47650	47650	49350	50650	52450	54350	57400	61700	65250	65000	73100	71250	71400	78500	60350
Median	0	0	35150	38600	40500	42000	44750	43600	47000	49300	51550	55900	58450	57400	62000	62100	61550	64850	51700
Lower Quartile	0	0	31950	34000	33850	37250	38550	37900	40700	44100	47250	49800	52300	49650	55200	54450	52550	55050	44350
Lower Decile	0	0	30400	31650	32500	34400	36000	35250	37100	39800	42450	45000	45600	45200	48400	47650	45100	47100	37900
Mean	0	0	36800	38900	41000	42650	44450	44250	47000	49250	52450	56250	59800	58950	65450	65150	64300	68600	53650
Supporting Data																			
Total Number	0	27	63	84	105	122	111	113	114	327	297	299	235	213	156	133	115	111	2620
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	1	2	8
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	61650	64150	68050	72100	76250	80550	84800	89050	93200	102800	80550
Upper Quartile	0	0	0	0	0	0	0	0	57750	59850	63050	66250	69450	72600	75600	78450	80950	85800	70700
Median	0	0	0	0	0	0	0	0	54050	55500	57650	59850	62050	64250	66400	68450	70450	75100	61950
Lower Quartile	0	0	0	0	0	0	0	0	48950	50350	52350	54300	56100	57700	59050	60200	61000	61600	55650
Lower Decile	0	0	0	0	0	0	0	0	47400	48300	49650	50900	52100	53150	54100	54900	55550	56500	51050
Mean	0	0	0	0	0	0	0	0	53950	55700	58350	61000	63650	66250	68750	71150	73300	77800	64750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	63000	66500	67750	69450	78900	79200	90750	88750	90000	100000	80550
Upper Quartile	0	0	0	0	0	0	0	0	61500	61250	62800	63600	70700	73250	81050	80200	75500	83750	70700
Median	0	0	0	0	0	0	0	0	57000	56650	56000	59550	62450	64400	70800	68350	66200	74000	61950
Lower Quartile	0	0	0	0	0	0	0	0	52050	49850	50650	54900	57750	55550	61500	60400	59000	60400	55650
Lower Decile	0	0	0	0	0	0	0	0	50400	46600	48250	51550	54150	51950	55000	53900	53750	56000	51050
Mean	0	0	0	0	0	0	0	0	56550	56600	57450	59800	65150	65750	72950	70750	70150	76200	64750
Supporting Data																			
Total Number	0	1	1	1	4	4	2	4	15	35	96	147	121	92	67	55	50	50	746
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45500	46850	48200	49600	50950	52300	53650	56300	60100	63600	66800	69600	72000	74000	75600	78000	61850
Upper Quartile	0	0	42750	44150	45500	46850	48150	49400	50650	52950	56050	58550	60500	61900	62850	63450	63750	64000	54700
Median	0	0	36800	38300	39750	41200	42600	43950	45250	47650	50650	52850	54300	55000	55200	55050	54750	53800	48150
Lower Quartile	0	0	32150	33550	34950	36300	37650	38950	40200	42500	45300	47250	48400	48850	48800	48400	47850	46700	41250
Lower Decile	0	0	30350	31600	32800	33950	35100	36150	37200	39000	41150	42550	43250	43350	43100	42600	42050	40850	36150
Mean	0	0	37550	38900	40300	41600	42950	44200	45450	47800	50900	53400	55250	56500	57300	57750	57900	57800	49200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43300	45850	49300	49200	52500	53550	54650	56850	58900	63900	65000	63800	73000	80000	83000	86400	61850
Upper Quartile	0	0	40050	43300	47250	47350	49150	50150	51100	53500	54500	57700	59550	60900	63600	66200	63650	74500	54700
Median	0	0	35000	38450	39850	41500	44450	43050	45500	48600	50000	50950	53400	52450	58200	58650	57150	58750	48150
Lower Quartile	0	0	31900	33950	33750	37150	38450	37750	40000	43450	45000	46550	46750	47050	51500	51800	48000	51600	41250
Lower Decile	0	0	30350	31600	32450	34350	35950	35100	36750	39400	41250	41500	42300	42800	46150	44750	41300	44900	36150
Mean	0	0	36450	38750	40400	41900	44200	43750	45600	48450	50000	52900	54250	54000	59800	61500	59850	63150	49200
Supporting Data																			
Total Number	0	26	62	83	101	118	109	109	100	293	200	153	115	122	90	80	64	59	1876
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	57800	58700	59850	62850	68550	75050	81600	87500	92250	95650	97750	99400	87200
Upper Quartile	0	0	0	0	0	0	55000	55700	56600	58950	63400	68500	73650	78350	82200	85050	86850	88400	74400
Median	0	0	0	0	0	0	52600	53250	54100	56050	59550	63200	66600	69500	71700	73200	74100	74800	63500
Lower Quartile	0	0	0	0	0	0	47650	48950	50200	52500	55600	58100	60100	61600	62700	63450	63900	64300	56700
Lower Decile	0	0	0	0	0	0	45150	45450	45900	47100	49350	51650	53750	55350	56550	57250	57650	57900	51300
Mean	0	0	0	0	0	0	51800	52700	53700	55950	59750	63750	67550	70850	73450	75300	76450	77450	66800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	58500	55700	60550	63200	68550	75100	78450	88400	97000	97600	100000	93900	87200
Upper Quartile	0	0	0	0	0	0	56250	52550	56500	59500	64000	67450	71700	80550	83200	86550	93750	83450	74400
Median	0	0	0	0	0	0	53400	50900	53750	57150	58800	62950	65000	72550	71550	74550	76000	72300	63500
Lower Quartile	0	0	0	0	0	0	51050	40600	50750	54050	55400	58250	57000	63550	63350	62500	71000	62450	56700
Lower Decile	0	0	0	0	0	0	49250	38150	47600	46700	48650	54850	49700	57300	56400	56000	62000	56900	51300
Mean	0	0	0	0	0	0	53650	47850	53400	57450	59000	63950	64850	72700	75100	76000	81300	73850	66800
Supporting Data																			
Total Number	0	0	1	1	3	5	15	11	26	66	72	86	67	76	74	59	30	49	640
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

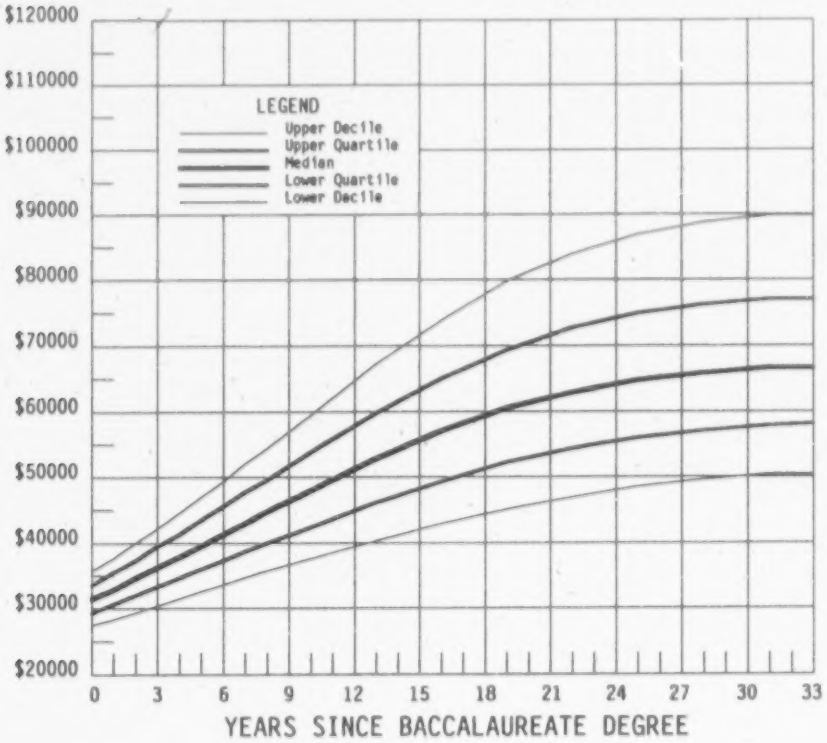
1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	74550	79500	84550	89750	94900	100000	104800	115300	95400
Upper Quartile	0	0	0	0	0	0	0	0	0	0	69600	73850	78250	82800	87500	92300	97100	109150	83300
Median	0	0	0	0	0	0	0	0	0	0	64650	67600	70650	73850	77150	80600	84100	93750	74750
Lower Quartile	0	0	0	0	0	0	0	0	0	0	56650	60100	63700	67300	70900	74500	77900	85650	64950
Lower Decile	0	0	0	0	0	0	0	0	0	0	53500	55650	57900	60300	62800	65450	68200	76200	58850
Mean	0	0	0	0	0	0	0	0	0	0	63850	67550	71350	75300	79300	83300	87250	97050	75850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	72800	79350	84000	88900	104400	98650	99850	93650	95400
Upper Quartile	0	0	0	0	0	0	0	0	0	0	68000	73250	78850	83050	93750	90000	97100	88750	83300
Median	0	0	0	0	0	0	0	0	0	0	64800	64350	74650	76350	78000	79350	87500	76000	74750
Lower Quartile	0	0	0	0	0	0	0	0	0	0	56000	58200	64000	72300	71000	74000	75500	70000	64950
Lower Decile	0	0	0	0	0	0	0	0	0	0	51800	54100	60400	63850	63050	62400	72200	62400	58850
Mean	0	0	0	0	0	0	0	0	0	0	63050	65550	73550	77550	81700	81850	87600	78950	75850
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	1	3	16	35	24	39	33	28	11	18	211
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	59500	59550	59900	61450	65500	70850	76850	82800	88150	92350	95250	98000	75850
Upper Quartile	0	0	0	0	0	0	55550	56050	56750	58500	61800	65550	69300	72750	75600	77750	79150	80450	67300
Median	0	0	0	0	0	0	52600	53450	54300	56050	58650	61150	63350	65250	66700	67800	68550	69250	59650
Lower Quartile	0	0	0	0	0	0	48350	49400	50400	52250	54600	56450	57800	58700	59250	59500	59600	59550	54650
Lower Decile	0	0	0	0	0	0	45450	45500	45550	46450	48500	50400	51750	52550	52950	53100	53200	53200	49850
Mean	0	0	0	0	0	0	52300	53050	53850	55600	58400	61300	64100	66600	68750	70450	71650	72950	62350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	58500	55700	60650	63250	66250	69450	70700	86000	89500	94500	101250	95500	75850
Upper Quartile	0	0	0	0	0	0	56250	52550	56750	59450	61800	66100	67200	72500	75000	75250	86250	81650	67300
Median	0	0	0	0	0	0	53400	50900	53650	57100	58200	62150	61200	65600	66300	67350	74000	68000	59650
Lower Quartile	0	0	0	0	0	0	51050	40600	50600	53950	55250	58100	52850	59500	60300	58200	63750	59000	54650
Lower Decile	0	0	0	0	0	0	49250	38150	47500	46500	47600	55350	47450	52850	51650	52300	60900	52400	49850
Mean	0	0	0	0	0	0	53650	47850	53350	57450	57750	62650	59950	67400	69600	70100	77650	71100	62350
Supporting Data																			
Total Number	0	0	1	1	3	5	15	11	25	63	56	49	43	38	42	31	19	28	430
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

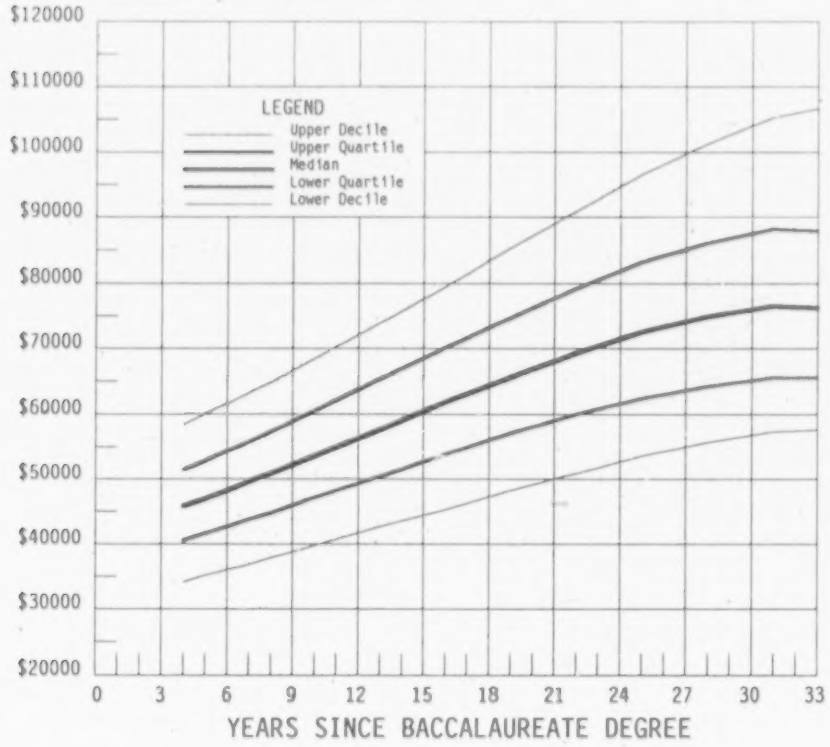
SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35600	37700	39900	42150	44500	46900	49400	51900	54450	59600	67100	73950	79650	84050	87050	88900	89850	90200	77700
Upper Quartile	33600	35450	37400	39350	41350	43400	45500	47600	49700	53850	59850	65150	69450	72750	74950	76300	76950	77250	65500
Median	31350	32900	34550	36200	37900	39600	41300	43000	44750	48100	52850	57000	60450	63000	64850	66000	66600	67050	53600
Lower Quartile	29300	30600	31900	33200	34550	35900	37250	38600	39900	42500	46150	49400	52150	54300	55950	57100	57900	58800	43000
Lower Decile	27350	28350	29400	30450	31500	32500	33550	34600	35600	37600	40400	42950	45150	47000	48450	49550	50300	51050	34900
Mean	31650	33250	34850	36500	38200	39900	41650	43400	45100	48550	53500	57950	61700	64700	66950	68450	69450	70450	55800
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	34350	36900	39800	41950	44550	48850	50850	53700	55850	60400	66600	70850	78050	82250	88150	90400	89650	92100	77700
Upper Quartile	32850	34700	37000	39100	41250	44650	46750	49550	51700	54400	58900	62750	69100	70950	76200	76850	76800	78700	65500
Median	30950	32300	34100	36050	37250	40700	42300	44500	46600	48600	51850	55800	59600	61950	65950	65900	67050	68000	53600
Lower Quartile	28600	30650	31100	33650	34200	36650	37850	39500	41200	43000	45500	48450	50950	53650	57300	57300	58600	59150	43000
Lower Decile	26850	28800	28800	30850	31400	33500	33700	34750	36000	37450	40100	42500	44400	47050	50500	49450	51200	50450	34900
Mean	31100	33050	34250	36400	38000	40950	42400	44550	46500	49050	52800	56550	60900	63450	68500	68950	69550	71200	55800
---------- Supporting Data ----------																			
Total Number	359	402	488	449	502	441	524	640	609	1700	1536	1512	1402	1294	1173	1144	995	1750	16913
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	3	2	14	15	12	40	88
Less Than $22000	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	1	5

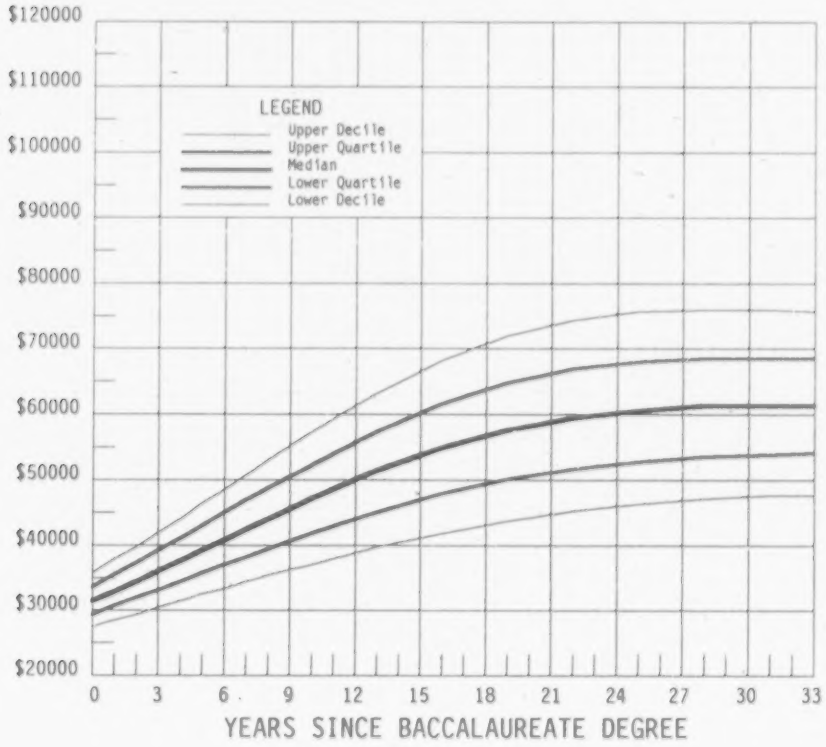
SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	58350	59950	61550	63200	64900	68400	73900	79550	85350	91050	96450	101350	105450	110650	92650
Upper Quartile	0	0	0	0	51400	52850	54300	55800	57300	60450	65250	70100	74800	79250	83100	86150	88200	87800	78950
Median	0	0	0	0	45800	47050	48300	49600	50900	53600	57650	61750	65700	69350	72450	74900	76500	75800	67400
Lower Quartile	0	0	0	0	40600	41650	42700	43800	44850	47100	50450	53750	56950	59900	62400	64350	65600	65100	56550
Lower Decile	0	0	0	0	34250	35100	36000	36900	37800	39700	42550	45450	48350	51050	53550	55650	57250	58450	47850
Mean	0	0	0	0	46100	47400	48700	50000	51350	54150	58400	62750	67050	71050	74650	77600	79700	80200	69800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	77200	66300	65200	57000	61450	68850	75150	78350	86550	90250	98900	103000	99900	111600	92650
Upper Quartile	0	0	0	0	48500	55250	51900	52200	55400	62300	67150	69150	75700	77100	84400	87900	84750	88500	78950
Median	0	0	0	0	40000	46250	47450	48200	51350	54700	58500	60900	66600	67650	73700	76150	74050	76250	67400
Lower Quartile	0	0	0	0	33000	41250	43600	41850	47900	48500	50100	53700	56500	58250	64150	65750	64400	65100	56550
Lower Decile	0	0	0	0	28950	37400	36800	33250	39300	40650	44150	45450	46450	50050	55850	56750	55800	58550	47850
Mean	0	0	0	0	44700	49100	48700	46950	51700	55300	59150	62000	67300	69300	76850	79000	77300	80450	69800
Supporting Data																			
Total Number	0	3	8	5	14	17	34	80	82	299	398	548	597	592	531	502	444	752	4906
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	3	2	14	15	12	36	84
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35700	37750	39800	41950	44100	46350	48550	50800	53000	57300	63250	68200	71900	74350	75650	76100	76000	75050	67800
Upper Quartile	33700	35500	37350	39200	41100	43000	44950	46850	48750	52600	57450	61600	64750	66850	68050	68550	68600	68000	58900
Median	31400	32900	34500	36100	37700	39300	40900	42500	44100	47150	51350	54850	57550	59450	60600	61250	61450	61300	48950
Lower Quartile	29350	30600	31900	33150	34450	35750	37000	38250	39500	41850	45100	47900	50100	51700	52850	53550	53950	54250	39750
Lower Decile	27450	28450	29450	30450	31450	32450	33450	34450	35400	37200	39750	41950	43800	45250	46350	47150	47700	48350	33300
Mean	31700	33250	34800	36350	37950	39550	41150	42700	44300	47300	51450	54950	57700	59700	60950	61700	62050	62050	50100
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	36800	39650	41800	44200	48300	50350	53250	55250	57900	62000	65000	70150	72300	75700	74150	77650	79300	67800
Upper Quartile	32850	34700	36850	39000	41200	44300	46400	49150	50850	52950	56150	59300	63000	65400	67900	67700	70150	71150	58900
Median	30950	32300	34050	36000	37200	40450	42050	44150	45800	47550	50300	53300	56250	58100	61000	61350	62800	63150	48950
Lower Quartile	28600	30650	31050	33600	34250	36550	37650	39450	40800	42250	44400	46600	48500	51050	54150	53100	55300	55650	39750
Lower Decile	26850	28800	28800	30800	31500	33450	33600	35100	35550	37200	39450	41700	42300	44950	48100	47350	48650	48700	33300
Mean	31100	32900	34100	36350	37800	40600	42000	44300	45750	47750	50600	53500	56150	58550	61500	61100	63300	64250	50100
Supporting Data																			
Total Number	359	399	481	445	489	424	491	564	527	1401	1138	965	803	705	640	639	553	998	12006
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Less Than $22000	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	1	5

1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34600	36750	38950	41250	43650	46100	48600	51150	53750	58900	66350	72950	78250	82000	84300	85400	85700	85050	73200
Upper Quartile	33100	34900	36750	38650	40600	42600	44600	46600	48650	52600	58200	63050	66950	69700	71500	72500	72900	72400	61050
Median	31150	32650	34200	35750	37350	38900	40500	42100	43650	46700	50900	54550	57450	59550	61000	61850	62300	62200	49300
Lower Quartile	29300	30450	31600	32750	33950	35100	36250	37450	38550	40800	43900	46600	48900	50800	52200	53250	54000	54900	39200
Lower Decile	27200	28150	29100	30050	30950	31900	32850	33750	34650	36400	38850	41050	42950	44500	45750	46750	47450	48450	32750
Mean	31300	32800	34350	35950	37550	39200	40850	42500	44100	47350	51900	55950	59300	61900	63800	65050	65850	66550	52000
Raw (Unsmoothed) Statistics																			
Upper Decile	34000	35900	38550	40700	43900	46800	50200	53750	56050	61250	65300	69100	75700	75750	85450	87050	85250	89500	73200
Upper Quartile	32800	34300	36100	37900	40050	43200	46450	49400	51500	54000	56750	60100	65650	66300	71750	73200	74150	75350	61050
Median	30900	32000	33700	35650	36650	39500	42050	44300	46250	47450	49650	52850	55900	56700	62350	62500	64400	63800	49300
Lower Quartile	28550	30550	30700	33200	34050	35650	36850	38450	40400	41250	43750	45350	46500	49600	54000	53050	55500	56050	39200
Lower Decile	26850	28600	28550	30450	30750	32450	32850	33850	35100	36400	39050	40700	41450	44500	48000	46400	48800	48450	32750
Mean	30950	32500	33700	35800	37400	39550	42000	44050	46150	48200	51150	54300	57600	59150	65350	65150	66850	68500	52000
Supporting Data																			
Total Number	353	373	384	331	359	258	337	425	408	1038	855	786	724	616	491	551	535	1043	9855
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	1	7	4	5	26	45
Less Than $22000	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	1	5

1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	58900	60400	61950	63550	65150	68450	73600	78850	84100	89200	94000	98250	101700	105700	89450
Upper Quartile	0	0	0	0	50800	52200	53600	55000	56450	59400	63900	68400	72650	76600	79900	82350	83850	82400	75100
Median	0	0	0	0	45100	46250	47350	48500	49700	52000	55550	59100	62400	65450	68050	70050	71350	70850	63000
Lower Quartile	0	0	0	0	40100	40950	41800	42650	43550	45250	47900	50450	52900	55150	57150	58800	60050	60850	52150
Lower Decile	0	0	0	0	32300	33150	34000	34850	35700	37450	40150	42850	45450	47850	49950	51600	52750	52750	44900
Mean	0	0	0	0	45500	46700	47900	49100	50350	52850	56700	60550	64300	67750	70800	73200	74900	75050	66100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	77400	53000	66000	57800	62500	69500	75550	79500	83850	86100	99700	97300	96200	110650	89450
Upper Quartile	0	0	0	0	46600	45500	52500	52100	55250	62300	66950	67250	73400	71600	81500	83900	81300	85950	75100
Median	0	0	0	0	39500	42000	47850	48050	50900	53850	56100	58250	62700	61100	69300	72200	71800	72950	63000
Lower Quartile	0	0	0	0	32500	38750	42900	41450	47450	47250	48300	49450	50800	52600	59500	60450	61700	62150	52150
Lower Decile	0	0	0	0	28850	36000	36000	33100	38550	38050	40250	41900	44800	46800	52000	50650	53950	54250	44900
Mean	0	0	0	0	43900	42500	48950	46800	51400	54400	57750	60000	63900	64100	73700	74100	74100	77650	66100
Supporting Data																			
Total Number	0	2	8	5	13	10	30	72	89	222	246	280	325	308	234	249	261	484	2807
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	1	7	4	5	26	45
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34600	36650	38750	40950	43150	45400	47650	49900	52100	56400	62150	66650	69700	71400	71900	71650	70950	69100	63250
Upper Quartile	33050	34800	36600	38450	40250	42100	43950	45800	47600	51050	55700	59400	62100	63700	64500	64700	64500	63550	54400
Median	31150	32600	34100	35600	37050	38550	40050	41500	42950	45650	49350	52350	54600	56100	57000	57400	57500	57250	43100
Lower Quartile	29150	30300	31500	32650	33850	35000	36150	37250	38350	40400	43200	45500	47250	48550	49400	49950	50200	50350	36200
Lower Decile	27300	28200	29100	30050	30950	31850	32700	33600	34450	36050	38250	40150	41750	43000	43950	44600	45100	45700	31500
Mean	31250	32750	34250	35750	37250	38800	40300	41750	43200	46000	49700	52750	55000	56500	57350	57750	57800	57450	46350
Raw (Unsmoothed) Statistics																			
Upper Decile	34000	35900	38100	40600	43600	46650	49500	53050	55100	57800	59950	62750	66550	67000	72050	70450	73200	74600	63250
Upper Quartile	32800	34300	35950	37900	39950	43100	45850	48800	50250	51800	53900	56550	59550	61150	65050	64350	66950	67200	54400
Median	30900	32000	33600	35600	36600	39400	41600	43800	45200	46100	47800	50550	52200	53750	57500	58550	60100	59700	45100
Lower Quartile	28550	30550	30650	33100	34050	35550	36600	38350	39800	40500	42800	44350	44550	47750	51100	50250	52050	52100	36200
Lower Decile	26850	28600	28550	30400	30850	32350	32700	34250	34450	36200	38700	40150	39000	42150	44950	44850	46650	47150	31500
Mean	30950	32500	33500	35700	37150	39450	41300	43650	45150	46600	48650	51100	52500	54200	57900	57850	59950	60350	46350
Supporting Data																			
Total Number	353	373	376	325	346	249	306	356	339	815	618	505	400	306	258	303	278	554	7044
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	1	5

1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41550	43650	45800	48000	50250	52550	54850	59500	66400	72900	78650	83500	87250	90100	92050	94350	79650
Upper Quartile	0	0	39500	41200	43000	44800	46600	48450	50300	53950	59350	64400	68900	72750	75750	78000	79500	80950	67550
Median	0	0	36650	38150	39650	41150	42650	44150	45650	48650	52950	56950	60500	63500	65900	67750	69000	70300	56300
Lower Quartile	0	0	33050	34400	35750	37150	38500	39850	41200	43900	47650	51000	53900	56200	57950	59250	60150	61250	46000
Lower Decile	0	0	31250	32300	33300	34350	35400	36450	37450	39500	42350	45000	47350	49400	51100	52450	53500	55050	39350
Mean	0	0	36500	38050	39600	41200	42800	44400	46000	49200	53900	58300	62300	65700	68450	70550	72050	73600	58550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41200	43800	44900	49300	50550	52400	55450	59350	66500	71600	78000	83850	88150	93600	93050	92550	79650
Upper Quartile	0	0	39800	40750	42650	45600	45950	48350	51250	53850	59500	63450	69250	72950	77100	78850	78600	80700	67550
Median	0	0	36650	38450	39300	41700	41950	43900	46050	48700	52600	57450	60500	63250	65850	68650	67950	70950	56300
Lower Quartile	0	0	32650	34450	34600	37700	38600	40600	41700	44350	47100	50750	53700	56100	58050	58700	60750	62100	46000
Lower Decile	0	0	30550	32150	32650	35000	35500	37650	37300	39900	41500	45000	47750	49000	51300	51350	54000	56100	39350
Mean	0	0	36300	38050	39000	42200	42400	44550	46350	49250	53550	58050	62500	65350	69100	71500	71800	73600	58550
Supporting Data																			
Total Number	5	27	104	120	133	166	164	187	162	508	473	527	455	426	416	385	321	453	5028
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	1	6	9	6	8	32
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	61250	65450	72200	79300	86550	93600	100000	105250	108900	108100	94050
Upper Quartile	0	0	0	0	0	0	0	0	56700	60050	65250	70600	75800	80650	84900	88150	90200	88700	80950
Median	0	0	0	0	0	0	0	0	52300	55050	59200	63350	67350	71100	74350	76900	78600	78300	69850
Lower Quartile	0	0	0	0	0	0	0	0	47600	49800	53150	56450	59700	62750	65450	67700	69350	70250	60500
Lower Decile	0	0	0	0	0	0	0	0	44900	46600	49250	51900	54450	56900	59150	61150	62800	65050	53350
Mean	0	0	0	0	0	0	0	0	52500	55450	60100	64800	69450	73850	77750	80850	83000	82900	72950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	59600	66550	73350	77950	86600	93050	98200	110550	107250	108450	94050
Upper Quartile	0	0	0	0	0	0	0	0	57000	61650	65000	69450	75700	80800	85250	90150	88550	89250	80950
Median	0	0	0	0	0	0	0	0	53500	56400	59000	61700	68300	70750	75550	78450	76000	79050	69850
Lower Quartile	0	0	0	0	0	0	0	0	50950	50900	51500	56400	59700	63000	65400	69850	66900	70950	60500
Lower Decile	0	0	0	0	0	0	0	0	48950	48350	48050	51300	53050	58900	59400	62750	61000	65400	53350
Mean	0	0	0	0	0	0	0	0	54350	57050	59700	63500	69550	73600	78400	83400	81100	83300	72950
Supporting Data																			
Total Number	0	1	0	0	1	7	3	9	13	69	120	217	201	187	185	171	138	189	1510
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	1	6	9	6	7	31
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	42050	43900	45800	47700	49600	51450	53350	57000	62150	66650	70300	73150	75150	76500	77300	78000	69050
Upper Quartile	0	0	39750	41350	42950	44550	46150	47750	49300	52350	56650	60400	63550	66000	67900	69200	70100	71050	60250
Median	0	0	36950	38300	39650	40950	42300	43600	44900	47400	50950	54050	56700	58850	60550	61800	62700	63850	50800
Lower Quartile	0	0	33350	34600	35800	37000	38200	39400	40600	42850	45950	48700	50950	52700	54050	55000	55650	56400	42950
Lower Decile	0	0	31450	32400	33300	34200	35100	36000	36850	38600	41000	43200	45150	46850	48250	49400	50250	51550	37600
Mean	0	0	36750	38150	39550	40950	42350	43750	45100	47800	51500	54800	57600	59800	61500	62750	63600	64650	52400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41200	43800	44700	48100	50350	52250	54950	56800	63150	65200	69000	73200	74700	74450	79200	81250	69050
Upper Quartile	0	0	39800	40750	42600	45000	45800	48000	50100	52500	57000	60250	62900	65050	67250	69250	70750	73450	60250
Median	0	0	36650	38450	39250	41350	41850	43750	45500	47700	50750	53650	56600	58400	60600	61600	63850	65250	50800
Lower Quartile	0	0	32650	34450	34550	37500	38550	40500	41350	43650	45300	48000	50000	51850	54900	53600	57250	58450	42950
Lower Decile	0	0	30550	32150	32650	34850	35400	37650	36800	39200	39450	42950	45850	45650	49100	49300	51050	52750	37600
Mean	0	0	36300	38050	38900	41400	42300	44400	45800	48050	51400	54350	57300	58900	61650	62000	64850	66700	52400
Supporting Data																			
Total Number	5	26	104	120	132	158	161	179	150	438	353	310	255	241	232	214	182	265	3519
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	52950	54200	55700	57350	61050	67400	74200	80750	86500	91050	94250	96200	97750	86300
Upper Quartile	0	0	0	0	0	51000	52000	53100	54400	57300	62300	67500	72450	76700	79950	82250	83650	84700	75250
Median	0	0	0	0	0	48950	49600	50400	51350	53550	57400	61450	65250	68500	70950	72700	73700	74500	65400
Lower Quartile	0	0	0	0	0	46350	46900	47550	48300	50100	53200	56350	59250	61650	63500	64750	65500	66100	56800
Lower Decile	0	0	0	0	0	42350	43200	44050	45000	46850	49700	52400	54800	56750	58250	59250	59900	60400	51200
Mean	0	0	0	0	0	48800	49450	50350	51350	53800	58000	62550	66800	70500	73400	75350	76600	77500	67700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	54650	52900	58000	56400	59750	68950	71950	83050	87500	91400	94000	92400	98300	86300
Upper Quartile	0	0	0	0	0	52250	51700	54500	53750	56200	62950	67150	74350	75550	80750	81450	81650	85750	75250
Median	0	0	0	0	0	50200	49550	50850	50500	53300	57300	60550	67300	68700	71800	70850	73400	74550	65400
Lower Quartile	0	0	0	0	0	46250	47200	48150	47900	50200	52800	55800	60250	62150	64250	62900	65450	66450	56800
Lower Decile	0	0	0	0	0	44550	44200	41000	44700	47100	49450	52650	55600	56800	57400	59100	60150	60850	51200
Mean	0	0	0	0	0	49850	49200	50700	50600	53550	58200	61800	68200	70600	73700	74650	75350	78050	67700
Supporting Data																			
Total Number	1	0	1	0	12	19	22	30	37	158	204	203	225	255	265	206	136	254	2027
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	5	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY, PHD

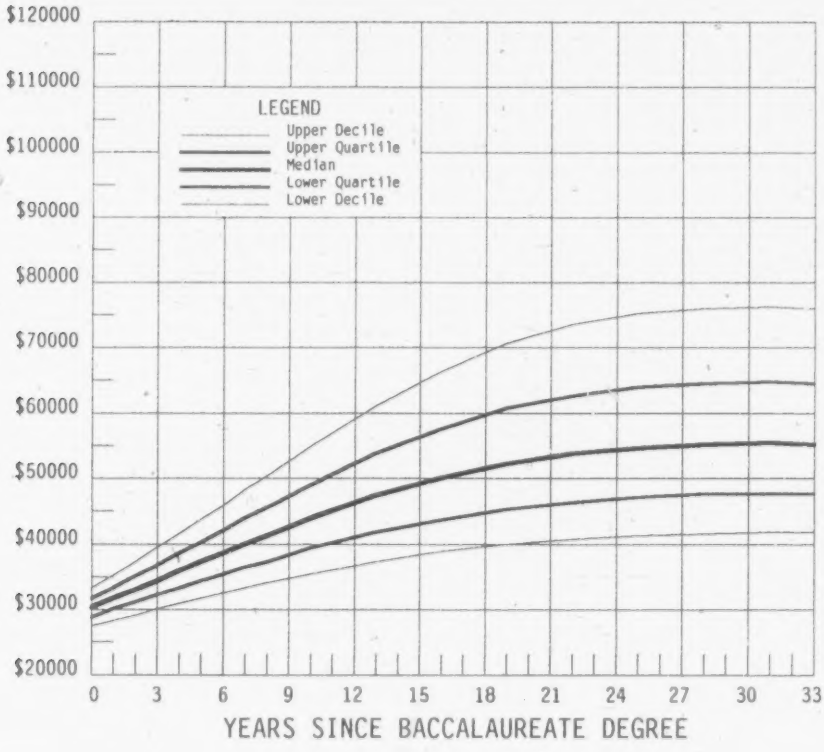
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	70450	76050	81950	88100	94400	100650	106650	112150	122500	99000
Upper Quartile	0	0	0	0	0	0	0	0	0	67450	71200	75000	78900	82800	86650	90400	93950	101850	86650
Median	0	0	0	0	0	0	0	0	0	63450	66350	69300	72300	75250	78150	80950	83600	89550	76850
Lower Quartile	0	0	0	0	0	0	0	0	0	58950	61400	63850	66350	68800	71250	73650	75950	81350	68800
Lower Decile	0	0	0	0	0	0	0	0	0	57050	58550	60050	61600	63150	64700	66300	67900	72100	62250
Mean	0	0	0	0	0	0	0	0	0	63800	67100	70500	73950	77400	80750	84000	87050	93800	79550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	71600	77850	77450	88900	96550	98900	110550	110400	117650	99000
Upper Quartile	0	0	0	0	0	0	0	0	0	65000	71450	71450	83200	83300	86950	90400	89200	99600	86650
Median	0	0	0	0	0	0	0	0	0	59000	67150	68600	74750	74200	78800	81150	81800	86900	76850
Lower Quartile	0	0	0	0	0	0	0	0	0	54100	62500	62350	69250	68700	71150	73450	74500	79100	68800
Lower Decile	0	0	0	0	0	0	0	0	0	50300	60300	57900	64200	64700	65000	64150	66000	70700	62250
Mean	0	0	0	0	0	0	0	0	0	62050	67850	68100	76200	77250	81250	84650	84700	90900	79550
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	1	11	37	49	74	95	113	82	45	77	586
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	3	8
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	54450	54700	55450	56500	59300	64600	70100	75050	78900	81500	83100	83850	84300	77350
Upper Quartile	0	0	0	0	0	52600	52750	52900	53600	55700	59900	64450	68500	71650	73800	75100	75750	76100	69350
Median	0	0	0	0	0	50100	50150	50400	50950	52600	55900	59400	62500	65000	66700	67750	68300	68650	61450
Lower Quartile	0	0	0	0	0	47100	47200	47550	48100	49550	52300	55200	57800	59900	61400	62300	62850	63200	54400
Lower Decile	0	0	0	0	0	43250	43550	44000	44650	46150	48750	51350	53600	55300	56450	57150	57500	57750	50100
Mean	0	0	0	0	0	49800	49850	50150	50800	52650	56300	60200	63700	66500	68450	69650	70250	70650	62850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	54650	52900	58000	55750	59050	65150	69600	75000	78800	82200	79900	82900	87800	77350
Upper Quartile	0	0	0	0	0	52250	51700	54500	53450	55750	59900	63550	69950	71000	74450	72450	76100	78250	69350
Median	0	0	0	0	0	50200	49550	50850	50350	52950	55800	58750	63400	64650	67000	65500	69700	70150	61450
Lower Quartile	0	0	0	0	0	46250	47200	48150	47800	50000	52000	54750	58250	59900	61050	61500	63300	64550	54400
Lower Decile	0	0	0	0	0	44550	44200	41000	44600	46950	48300	51600	54050	54900	55250	57600	57700	59000	50100
Mean	0	0	0	0	0	49850	49200	50700	50400	52900	56250	59750	64300	66500	68100	67800	70500	72750	62850
Supporting Data																			
Total Number	1	0	1	0	12	19	22	30	36	149	169	154	151	158	152	122	91	178	1443
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CURVES AND TABLES
FOR SELECTED INDUSTRIAL SECTORS

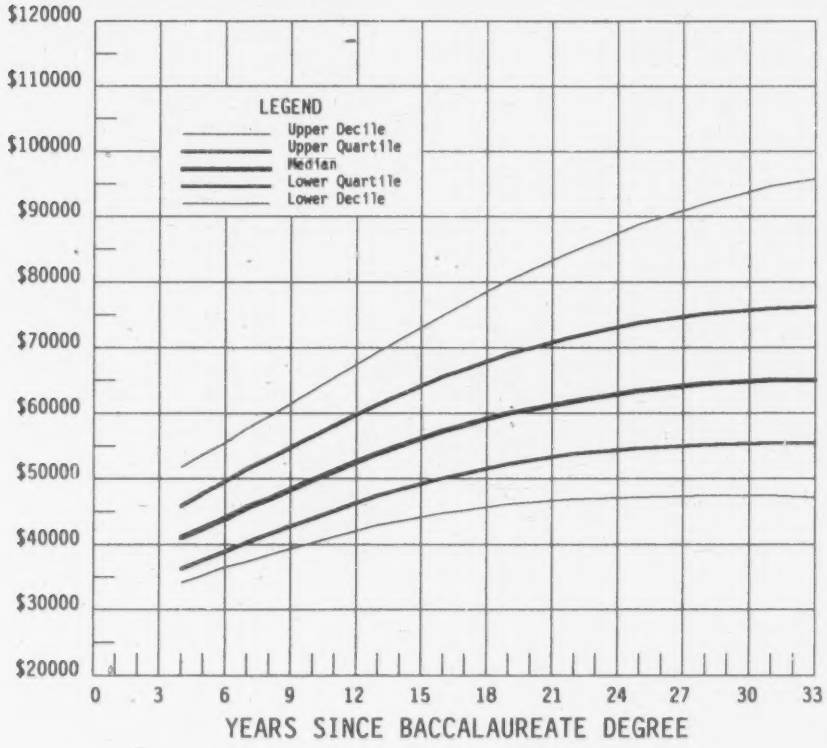
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33350	35300	37300	39400	41550	43700	45950	48200	50400	54850	61100	66500	70700	73600	75300	76050	76200	75550	64700
Upper Quartile	31800	33450	35150	36900	38650	40400	42200	43950	45700	49100	53800	57700	60700	62750	64000	64600	64750	64350	54150
Median	30350	31700	33100	34500	35900	37300	38700	40050	41400	43950	47350	50150	52300	53800	54700	55200	55350	55200	44150
Lower Quartile	28900	30000	31100	32200	33300	34350	35400	36450	37450	39350	41850	43850	45400	46500	47200	47650	47850	47900	36750
Lower Decile	27400	28300	29200	30050	30900	31750	32600	33400	34150	35550	37400	38900	40050	40850	41350	41650	41800	41900	31850
Mean	30450	31850	33300	34750	36200	37650	39100	40550	42000	44750	48500	51700	54200	56050	57250	57950	58350	58450	47000
Raw (Unsmoothed) Statistics																			
Upper Decile	32950	35100	37400	39550	41000	43950	46400	49150	51250	55250	61700	64700	68850	73750	75300	74900	76000	77200	64700
Upper Quartile	31500	32950	35100	36950	38750	40800	42650	44700	46550	49400	53550	56500	58950	63000	65050	64000	64050	65500	54150
Median	30200	31150	33050	34550	35900	38000	39200	40400	42350	43750	46850	49300	51400	54750	54650	55500	55800	55200	44150
Lower Quartile	28600	29600	31000	32400	33300	35000	35400	36650	38450	39650	41450	43000	43800	48150	45850	49550	47900	47800	36750
Lower Decile	26900	28300	29150	30400	30950	32100	32450	33500	34200	36200	36650	38250	39200	42050	41150	42850	41650	41600	31850
Mean	30100	31450	33350	34800	36250	38050	39350	40950	42700	45050	48250	50700	52900	56900	57150	58000	58100	59100	47000
Supporting Data																			
Total Number	1917	2166	2226	2637	2958	2568	2538	2425	2612	5670	4593	4226	4246	3629	3178	3151	2896	4870	58507
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	4	10	11	24	75	127
Less Than $22000	52	27	29	12	1	14	1	2	4	2	1	1	0	1	0	0	1	1	149

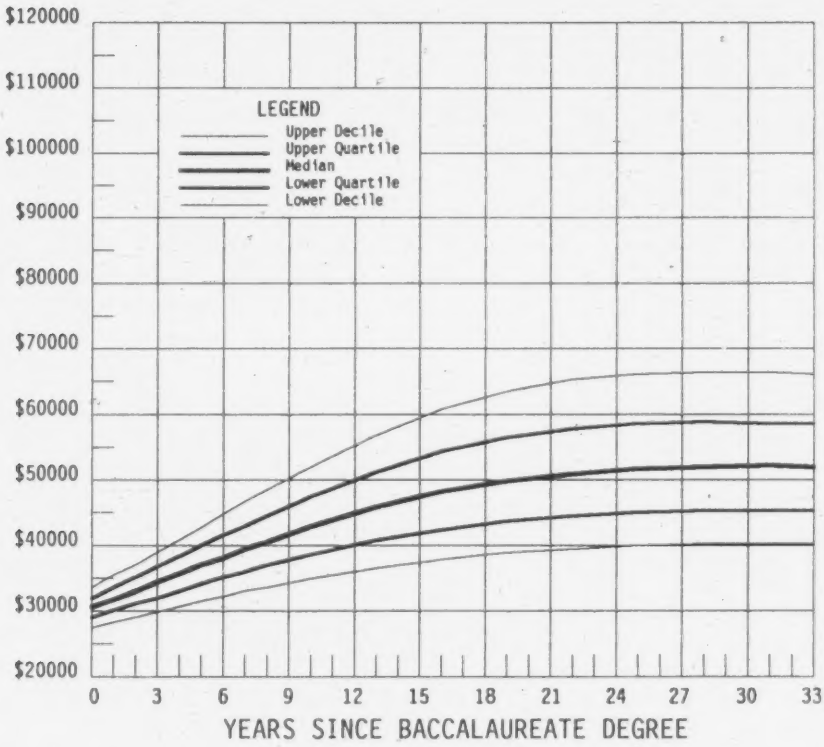
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51650	53600	55550	57550	59500	63500	69400	75000	80150	84800	88750	92050	94650	98500	82150
Upper Quartile	0	0	0	0	45950	47750	49550	51350	53100	56550	61350	65600	69050	71750	73750	75100	75950	76800	69450
Median	0	0	0	0	41000	42500	44050	45550	47000	49850	53800	57200	59900	62000	63450	64450	65000	65550	58350
Lower Quartile	0	0	0	0	36150	37550	38900	40250	41550	44050	47400	50150	52300	53800	54700	55250	55450	55400	49100
Lower Decile	0	0	0	0	34150	35300	36400	37450	38500	40400	42850	44750	46050	46900	47300	47450	47400	47050	43050
Mean	0	0	0	0	42450	43950	45400	46900	48350	51200	55200	58800	61900	64450	66450	67950	69050	70500	61250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	52800	51450	54400	53700	62000	65350	71550	72500	80200	85000	89600	89650	91700	101200	82150
Upper Quartile	0	0	0	0	46300	46700	49200	50500	54900	57200	62250	63400	68800	71950	74950	76500	77150	75800	69450
Median	0	0	0	0	38450	41600	44450	45000	50150	51250	53750	55850	58750	61350	66000	66050	65500	64800	58350
Lower Quartile	0	0	0	0	34500	37800	38300	38000	45750	45450	47500	49000	50250	54550	55150	57700	57650	54050	49100
Lower Decile	0	0	0	0	33000	35100	33000	36600	41950	41800	43850	43550	43550	49100	45500	49350	49450	46350	43050
Mean	0	0	0	0	41650	42850	44450	45400	51250	52500	55750	57550	60550	64850	67200	68450	69850	70250	61250
Supporting Data																			
Total Number	26	23	87	63	115	166	153	273	235	984	1174	1383	1357	1393	1033	926	851	1615	11854
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	4	10	11	24	74	126
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1

SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33550	35350	37150	39000	40900	42800	44700	46550	48400	52000	56800	60700	63500	65300	66200	66450	66300	65450	57750
Upper Quartile	32000	33550	35100	36700	38300	39900	41500	43050	44550	47450	51300	54350	56550	57950	58650	58900	58800	58200	50050
Median	30550	31850	33100	34400	35700	36950	38200	39400	40600	42850	45800	48150	49900	51050	51750	52050	52150	51950	41650
Lower Quartile	29000	30050	31100	32100	33150	34150	35100	36050	36950	38650	40800	42500	43750	44600	45100	45350	45400	45300	35300
Lower Decile	27500	28350	29150	29950	30750	31550	32250	33000	33650	34950	36550	37850	38800	39450	39900	40150	40250	40250	31150
Mean	30500	31850	33150	34500	35800	37150	38450	39700	40950	43250	46350	48850	50650	51850	52550	52900	52950	52700	43400
Raw (Unsmoothed) Statistics																			
Upper Decile	32900	35050	36850	39100	40800	43600	45750	47900	49500	52400	55950	58900	61000	64850	66450	65650	66600	67600	57750
Upper Quartile	31450	32950	35000	36800	38650	40550	42300	43950	45750	47350	50600	53100	54700	57500	58500	59100	59100	59600	50050
Median	30200	31150	32950	34500	35850	37800	39050	40050	41800	42800	44900	46250	48950	51450	51650	53000	52700	52350	41650
Lower Quartile	28550	29550	30900	32350	33250	34850	35350	36350	38150	38950	40200	41250	42500	44850	43650	47450	45450	45850	35300
Lower Decile	26900	28300	29050	30350	30850	31950	32400	33200	33850	35600	35300	36800	38150	40200	40150	41950	40050	39950	31150
Mean	30000	31400	33050	34600	36000	37750	39000	40400	41850	43500	45650	47350	49250	51950	52300	53700	53200	53500	43400
Supporting Data																			
Total Number	1892	2144	2140	2576	2842	2402	2386	2154	2378	4686	3417	2843	2889	2235	2143	2228	2047	3260	46654
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	52	27	29	12	1	14	1	2	4	2	1	1	0	1	0	0	1	1	148

1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33100	35000	36950	38950	41000	43100	45250	47400	49500	53700	59550	64500	68350	70900	72400	73000	73100	72350	61400
Upper Quartile	31750	33350	34950	36600	38300	40000	41650	43350	45000	48150	52500	56100	58800	60650	61750	62250	62400	62000	51600
Median	30300	31600	32950	34300	35650	36950	38300	39550	40850	43200	46400	49000	50950	52250	53050	53450	53600	53450	42200
Lower Quartile	28850	29900	30950	32050	33050	34100	35100	36050	37000	38750	41050	42900	44300	45250	45800	46150	46250	46250	35350
Lower Decile	27400	28250	29100	29900	30700	31500	32250	33000	33700	35000	36700	38050	39100	39800	40300	40600	40750	40800	31150
Mean	30300	31650	33050	34450	35850	37250	38650	40000	41350	43950	47450	50400	52700	54350	55450	56050	56350	56400	44900
Raw (Unsmoothed) Statistics																			
Upper Decile	32800	34650	36500	39200	40700	43350	45850	48900	50850	54300	59800	62250	65700	70600	71600	71750	73200	74500	61400
Upper Quartile	31450	32750	34800	36800	38350	40450	42000	44400	46300	48300	52350	54700	57100	60300	61050	62200	62450	63250	51600
Median	30150	31050	32800	34400	35700	37750	38800	39950	41900	43100	45950	47400	50200	53750	52200	53700	54000	53650	42200
Lower Quartile	28550	29500	30800	32350	33100	34800	34900	36200	38050	39150	40550	42050	42900	46850	43750	47500	46350	46550	35350
Lower Decile	26900	28250	28900	30300	30800	31850	32250	33200	33850	35850	35600	37350	38050	40950	39900	41700	40600	40800	31150
Mean	30000	31250	32900	34650	35950	37650	38850	40600	42350	44250	47300	49100	51250	55000	54250	56100	56400	57350	44900
Supporting Data																			
Total Number	1892	2076	1993	2446	2690	2267	2148	2070	2086	4457	3326	2941	2904	2406	2023	2058	2097	3781	45666
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	3	7	5	16	63	95
Less Than $22000	52	27	29	12	1	14	1	1	2	2	1	1	0	1	0	0	1	1	146

1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	49900	52000	54150	56300	58450	62700	68750	74200	78850	82600	85450	87500	88850	90350	78950
Upper Quartile	0	0	0	0	45150	46900	48600	50300	52000	55300	59850	63750	67000	69450	71250	72450	73200	73900	66450
Median	0	0	0	0	40150	41650	43150	44600	46050	48800	52550	55700	58250	60100	61350	62150	62600	62900	55900
Lower Quartile	0	0	0	0	35350	36750	38150	39500	40800	43300	46550	49150	50950	52100	52650	52800	52700	52100	47450
Lower Decile	0	0	0	0	33850	34900	36000	37000	37950	39800	42100	43900	45150	45900	46300	46450	46400	46050	41700
Mean	0	0	0	0	41700	43150	44600	46000	47450	50200	54050	57400	60250	62550	64250	65550	66400	67450	59000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	51400	49750	53200	53550	61800	63700	71650	71550	77900	81400	86000	88400	90800	90900	78950
Upper Quartile	0	0	0	0	45200	44900	48650	50250	54200	55800	60950	61650	66250	68950	72700	75000	74600	73450	66450
Median	0	0	0	0	37100	41100	43550	44700	49700	49800	52250	54450	57650	59400	62250	64900	63400	62700	55900
Lower Quartile	0	0	0	0	34250	37350	36650	37950	45250	44250	46550	47850	49350	54050	49650	56350	55800	51250	47450
Lower Decile	0	0	0	0	32900	35000	32900	36600	41750	41400	41800	42550	42500	49350	44200	49200	47800	45500	41700
Mean	0	0	0	0	40550	41850	43700	45300	50900	51100	54900	56050	58900	62700	63850	67000	67850	67600	59000
Supporting Data																			
Total Number	26	17	76	56	102	154	136	261	199	774	908	955	913	960	612	583	527	1294	8642
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	3	7	5	16	63	95
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1

1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33250	34950	36750	38550	40400	42200	44050	45850	47600	50950	55450	59000	61450	62950	63600	63650	63350	62300	55000
Upper Quartile	31900	33400	34900	36450	37950	39450	40950	42450	43850	46550	50100	52900	54850	56100	56700	56850	56750	56100	47250
Median	30500	31750	32950	34200	35400	36600	37800	38950	40050	42100	44850	47000	48550	49600	50250	50500	50550	50350	40000
Lower Quartile	28950	29950	30950	31950	32900	33850	34750	35650	36500	38050	40050	41600	42700	43450	43850	44000	44050	43850	34150
Lower Decile	27450	28250	29050	29800	30550	31300	31950	32650	33300	34450	35950	37100	38000	38600	38950	39200	39300	39300	30600
Mean	30400	31650	32950	34200	35500	36750	38000	39200	40350	42550	45400	47600	49250	50300	50850	51100	51100	50750	41600
Raw (Unsmoothed) Statistics																			
Upper Decile	32700	34600	36000	38750	40550	42950	45100	47300	49200	51550	54750	56100	58700	61100	62500	62950	64000	65350	55000
Upper Quartile	31450	32750	34650	36650	38250	40250	41600	43600	45350	46450	49300	51000	53150	55300	55850	56950	57400	57850	47250
Median	30150	31050	32700	34350	35650	37550	38700	39550	41300	42200	43700	45200	46900	50050	49250	51650	51100	51350	40000
Lower Quartile	28550	29500	30700	32300	33000	34600	34850	35800	37450	38550	39200	40200	41800	43250	42650	45550	44100	44650	34150
Lower Decile	26850	28250	28850	30250	30750	31600	32150	32950	33450	35100	34550	35900	37450	38800	39550	40900	39000	39300	30600
Mean	29900	31250	32650	34400	35750	37350	38500	39950	41450	42850	44500	45750	47800	49950	50100	51700	51450	52000	41600
Supporting Data																			
Total Number	1867	2058	1919	2390	2589	2111	2014	1812	1887	3684	2421	1989	1992	1452	1414	1472	1470	2488	37019
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	52	27	29	12	1	14	1	1	2	2	1	1	0	1	0	0	1	1	144

1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41650	43550	45500	47500	49500	51500	53500	57400	62950	67950	72100	75350	77700	79300	80350	81300	71350
Upper Quartile	0	0	38200	39850	41500	43150	44800	46400	48050	51200	55600	59450	62650	65100	66900	68100	68850	69550	60400
Median	0	0	35800	37200	38550	39900	41250	42550	43850	46300	49650	52450	54700	56350	57450	58150	58550	58850	51150
Lower Quartile	0	0	33850	34900	35950	36950	37950	38900	39850	41600	44000	46000	47650	49000	50000	50800	51300	51950	43050
Lower Decile	0	0	32300	33050	33750	34500	35200	35900	36550	37800	39500	41000	42250	43250	44050	44700	45150	45700	37850
Mean	0	0	36550	37900	39300	40650	42000	43300	44600	47100	50550	53600	56150	58250	59850	61050	61850	62650	53350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42650	43800	45100	48450	48950	49550	52400	57900	63000	68850	70850	77250	78850	77500	79500	83500	71350
Upper Quartile	0	0	38600	39300	40900	43900	45000	45600	46950	52150	55800	59600	61600	64950	68500	66950	68250	71850	60400
Median	0	0	35500	36500	38700	39900	41750	42150	44350	46750	48950	53400	53400	56150	58400	57400	59050	60450	51150
Lower Quartile	0	0	33750	34200	35900	36550	38450	39400	40100	42200	43550	45750	46300	49150	51200	51500	52550	51850	43050
Lower Decile	0	0	32350	32000	33800	34200	35400	37150	37000	37700	39550	40400	41550	43800	44750	45250	45100	46150	37850
Mean	0	0	37100	37200	39300	40750	42050	42700	43950	47700	50300	53900	55200	59050	60850	60250	61950	63750	53350
Supporting Data																			
Total Number	21	88	233	189	261	280	383	334	465	1084	962	1082	1119	953	905	905	665	961	10869
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	7	8	22
Less Than $22000	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	61450	62450	63500	64550	65700	68150	72100	76400	80900	85500	90000	94200	97900	103950	85100
Upper Quartile	0	0	0	0	54350	55400	56450	57500	58600	60850	64250	67600	70800	73800	76400	78600	80250	82400	73200
Median	0	0	0	0	49850	50600	51400	52200	53000	54650	57100	59600	62000	64200	66200	67900	69250	71150	63250
Lower Quartile	0	0	0	0	47950	48150	48450	48750	49100	49850	51200	52700	54400	56100	57850	59500	61000	63700	54750
Lower Decile	0	0	0	0	47100	46600	46150	45850	45650	45450	45700	46400	47450	48800	50300	51900	53400	56300	47850
Mean	0	0	0	0	51550	52200	52900	53600	54350	55900	58400	61000	63700	66350	68900	71200	73200	76350	66050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	61000	66650	68800	54050	64600	69100	72800	73550	81550	91700	91800	87300	92300	113450	85100
Upper Quartile	0	0	0	0	56500	64650	55250	52250	58400	60100	63900	68100	70600	76200	75500	76500	79950	86500	73200
Median	0	0	0	0	48500	56000	50000	50300	52350	54400	59250	58650	61700	63700	68050	66700	69400	73900	63250
Lower Quartile	0	0	0	0	43600	47500	46500	44750	47750	51000	53500	53850	51200	54950	59350	60000	62300	65650	54750
Lower Decile	0	0	0	0	40250	45500	43700	37300	43700	47650	47550	47800	44650	48350	52650	47100	57950	59950	47850
Mean	0	0	0	0	49550	55050	52600	48100	53400	56850	59450	60500	62550	67550	69650	69000	74300	79800	66050
Supporting Data																			
Total Number	0	6	11	7	15	10	18	13	37	198	210	391	382	349	342	301	197	288	2765
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	7	8	22
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41350	42950	44600	46250	47850	49450	51000	54050	58200	61700	64550	66700	68200	69150	69750	70200	62850
Upper Quartile	0	0	38050	39500	41000	42450	43850	45250	46650	49250	52700	55550	57750	59300	60300	60850	61100	61150	55050
Median	0	0	35750	37050	38300	39500	40700	41900	43050	45150	47950	50200	51900	53050	53750	54150	54300	54200	47800
Lower Quartile	0	0	34100	35000	35900	36750	37600	38450	39250	40750	42800	44550	45950	47100	47950	48600	49050	49600	41350
Lower Decile	0	0	32400	33050	33700	34350	34950	35500	36100	37150	38550	39750	40700	41500	42100	42600	42900	43250	36600
Mean	0	0	36350	37550	38750	39950	41100	42250	43350	45450	48200	50550	52400	53750	54650	55300	55650	55950	49000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42050	42350	43350	47800	48000	48950	50000	54350	59050	62100	62750	66300	69450	69200	70850	72300	62850
Upper Quartile	0	0	37800	38800	40550	43400	44450	45200	46550	49700	52250	55600	56400	59800	61600	60200	61450	63550	55050
Median	0	0	35350	36350	38450	39650	41500	42050	44000	45150	46650	50100	51500	53550	54150	54450	56300	55000	47800
Lower Quartile	0	0	33650	34100	35700	36400	38250	39350	39800	41550	42400	42700	44850	47750	48700	50400	50000	50200	41350
Lower Decile	0	0	32300	31900	33650	34100	35250	37150	36650	37000	38700	38400	39750	42400	42100	45150	43150	43450	36600
Mean	0	0	36400	36750	38650	40250	41550	42500	43250	45700	47750	50200	51450	54250	55450	55950	56700	57000	49000
Supporting Data																			
Total Number	21	84	221	182	246	270	363	323	430	888	749	692	740	609	563	602	468	677	8103
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	49000	50850	52750	54800	59000	65650	72250	78450	83800	88050	91050	92950	94550	79350
Upper Quartile	0	0	0	0	0	47750	48900	50150	51500	54400	59000	63500	67550	70800	73150	74700	75600	76250	68900
Median	0	0	0	0	0	45100	45300	45650	46200	47950	51450	55400	59150	62250	64550	66000	66850	67350	58550
Lower Quartile	0	0	0	0	0	42200	42300	42400	42650	43800	46250	49150	51900	54300	56050	57250	57950	58450	49800
Lower Decile	0	0	0	0	0	40050	40150	40250	40450	40700	41250	43100	45250	47400	49350	50950	52050	53150	43400
Mean	0	0	0	0	0	45700	46050	46600	47350	49300	52900	56900	60750	64150	66850	68700	69800	70700	60950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	49900	51500	53000	52200	61550	64850	69950	81900	85250	87400	90850	87300	104750	79350
Upper Quartile	0	0	0	0	0	48250	49250	51700	50550	54850	58400	62400	70200	71500	75050	71600	75300	79500	68900
Median	0	0	0	0	0	46100	46000	49400	44250	48650	50500	55400	59350	66000	67350	63500	62600	68950	58550
Lower Quartile	0	0	0	0	0	44450	43250	46000	40200	43700	45650	50150	53750	54900	54350	58400	56500	61300	49800
Lower Decile	0	0	0	0	0	42200	41000	42500	38850	39350	41350	44800	42850	49000	47450	56300	50850	53550	43400
Mean	0	0	0	0	0	47150	46100	48800	45050	50550	51950	56750	62000	66050	67200	68100	66750	74550	60950
Supporting Data																			
Total Number	6	0	1	4	8	22	10	20	64	133	306	206	226	265	251	191	137	129	1971
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	4	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

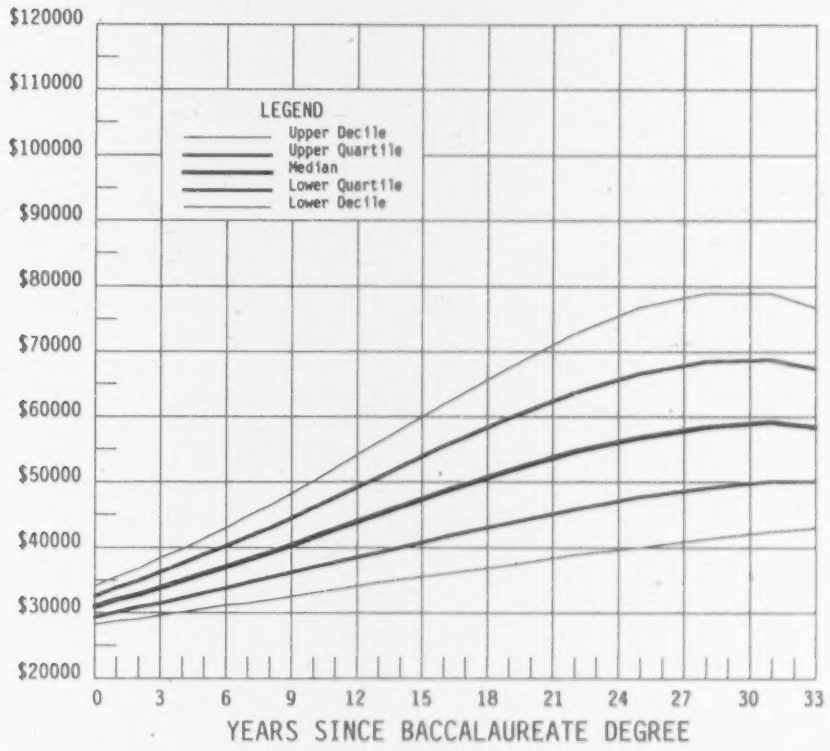
1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	73500	75550	79850	85250	94600	104050	112150	118000	123250	98900
Upper Quartile	0	0	0	0	0	0	0	0	0	67850	70400	73000	76400	83050	89400	94400	97700	100400	84850
Median	0	0	0	0	0	0	0	0	0	60100	62150	64300	66600	69050	74700	79700	83500	87250	71650
Lower Quartile	0	0	0	0	0	0	0	0	0	50900	53650	55950	58900	64300	68600	71300	72700	73500	61250
Lower Decile	0	0	0	0	0	0	0	0	0	48650	51600	54300	57200	60350	62000	62650	62900	62950	54500
Mean	0	0	0	0	0	0	0	0	0	60000	62850	65000	68400	74800	80750	85250	88100	90250	75200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	89000	68250	74600	94250	97300	99850	120000	112500	131250	98900
Upper Quartile	0	0	0	0	0	0	0	0	0	83750	62450	70100	83750	84700	88100	94150	89600	114200	84850
Median	0	0	0	0	0	0	0	0	0	73350	57500	55900	66500	71350	75250	85000	78000	90850	71650
Lower Quartile	0	0	0	0	0	0	0	0	0	60650	48550	54300	58350	68650	72700	71350	70600	67650	61250
Lower Decile	0	0	0	0	0	0	0	0	0	54200	47550	53300	56950	64400	67200	58550	63000	57000	54500
Mean	0	0	0	0	0	0	0	0	0	71900	56300	62450	72050	76650	81750	87350	83400	93550	75200
Supporting Data																			
Total Number	0	0	0	0	0	2	0	0	2	14	57	37	63	89	82	38	25	35	439
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	4	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	46850	49100	51400	53700	58100	64100	68950	72500	74650	75650	75800	75400	74000	72550
Upper Quartile	0	0	0	0	0	48050	48650	49450	50450	52750	56650	60550	63900	66500	68250	69350	69900	70250	64400
Median	0	0	0	0	0	45100	45200	45400	45950	47600	50800	54150	57050	59300	60800	61650	62100	62350	55600
Lower Quartile	0	0	0	0	0	42200	42300	42500	43000	43650	44450	46700	49000	51150	52900	54200	55000	55700	47950
Lower Decile	0	0	0	0	0	40000	40100	40300	40600	41050	41950	43000	43500	45750	47700	49200	50150	50950	42350
Mean	0	0	0	0	0	45100	45250	45700	46350	48100	51300	54650	57600	59900	61500	62500	63000	63300	56800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	49000	51500	53000	52150	56900	64800	67100	75450	74650	75550	72950	79100	81750	72550
Upper Quartile	0	0	0	0	0	47500	49250	51700	50300	52900	55700	60600	65100	68350	71200	67100	68850	74000	64400
Median	0	0	0	0	0	45800	46000	49400	44000	47600	50250	55100	57850	61450	60750	61700	59700	66800	55600
Lower Quartile	0	0	0	0	0	44300	43250	46000	40100	42300	44500	48550	47750	51150	51400	57900	54100	60000	47950
Lower Decile	0	0	0	0	0	42000	41000	42500	38850	39150	37900	44150	42300	48200	42300	56000	50350	53350	42350
Mean	0	0	0	0	0	45650	46100	48800	44800	47900	50950	55450	58200	61350	60250	63150	62750	67850	56800
Supporting Data																			
Total Number	6	0	1	4	8	20	10	20	62	118	249	169	162	180	172	153	110	96	1530
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

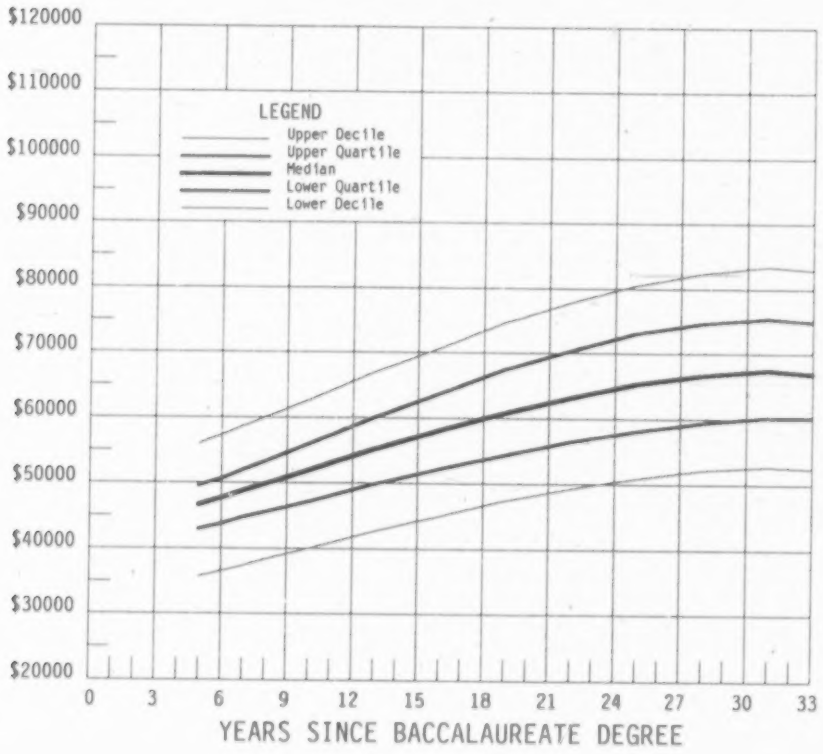
SALARY CURVES FOR ENGINEERS IN AEROSPACE
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: AEROSPACE

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34150	35500	36900	38350	39850	41400	43050	44750	46450	50100	55900	61850	67600	72750	76700	78900	79050	70250	64950
Upper Quartile	32600	33750	34950	36200	37500	38800	40200	41600	43050	46050	50700	55400	59850	63800	66800	68550	68850	62800	55050
Median	30950	31900	32900	33850	34900	35950	37000	38100	39200	41500	44950	48400	51650	54550	56900	58450	59150	56400	42800
Lower Quartile	29450	30150	30850	31600	32300	33050	33850	34600	35350	36950	39300	41650	43850	45900	47700	49150	50150	50350	34750
Lower Decile	28250	28700	29200	29650	30150	30600	31100	31600	32100	33050	34550	36000	37450	38800	40100	41300	42350	44350	31100
Mean	31000	32000	32950	34000	35000	36100	37200	38300	39450	41750	45300	48850	52200	55200	57600	59200	59950	57050	45900
Raw (Unsmoothed) Statistics																			
Upper Decile	32800	34400	35950	37600	39650	42700	43750	46450	49000	52600	57400	62600	66950	70250	73050	73750	74600	73150	64950
Upper Quartile	31450	32900	34200	35750	37300	39400	41200	43200	45150	47550	51650	55050	60250	62250	64350	65950	65200	64850	55050
Median	30200	31300	32500	33500	34950	36300	37900	39100	40650	42250	44450	47650	51400	54450	56250	58000	57250	57300	42800
Lower Quartile	28850	29850	30800	31600	32450	33400	34550	35150	35900	37000	38050	40500	43100	46550	48550	50250	49750	50250	34750
Lower Decile	28000	28250	29250	30150	30400	30850	31650	31900	32550	32450	33250	34950	36550	39250	41750	42600	42900	43750	31100
Mean	30250	31400	32550	33700	34900	36600	38000	39250	40800	42500	45000	48350	52000	54800	56950	58300	58150	58000	45900
Supporting Data																			
Total Number	557	664	1034	1106	1051	999	950	793	679	1528	1085	896	977	1039	1037	1048	1424	2428	19295
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	3	4	5	1	1	3	2	2	1	2	0	1	0	2	0	0	1	1	29

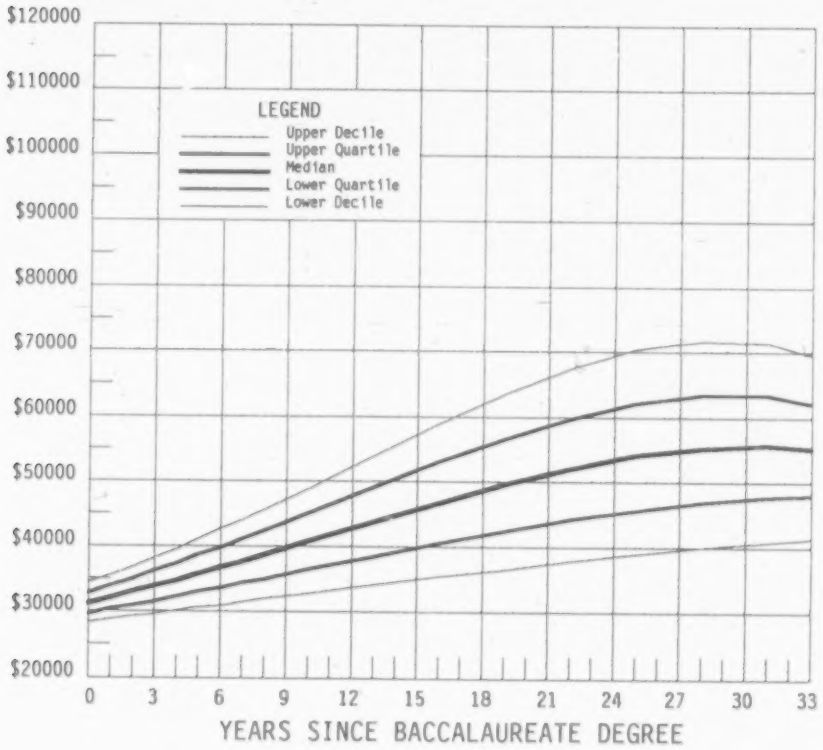
SALARY CURVES FOR ENGINEERS IN AEROSPACE SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: AEROSPACE, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	55950	57300	58650	60000	62750	66850	70800	74550	77800	80500	82450	83500	81700	79550
Upper Quartile	0	0	0	0	0	49500	50750	52050	53350	56000	59950	63800	67350	70500	73000	74700	75500	72900	71150
Median	0	0	0	0	0	46650	47700	48750	49800	51900	55100	58100	60900	63300	65300	66650	67400	65850	63300
Lower Quartile	0	0	0	0	0	42950	43800	44700	45550	47250	49800	52250	54500	56550	58200	59450	60250	59800	55550
Lower Decile	0	0	0	0	0	35750	36600	37450	38300	40000	42550	45050	47350	49350	51000	52150	52800	51650	47450
Mean	0	0	0	0	0	46450	47500	48550	49650	51800	55000	58050	60900	63450	65500	66950	67800	66500	63500
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	54950	68400	58200	57300	60250	65200	71950	78850	77050	82550	78950	83500	82100	79550
Upper Quartile	0	0	0	0	0	45100	50750	52450	54200	56200	59250	64950	68400	70300	73850	73300	74850	73250	71150
Median	0	0	0	0	0	42950	45500	48900	50850	52150	54850	58650	62700	63000	65450	66050	66300	66250	63300
Lower Quartile	0	0	0	0	0	41700	42050	43600	47450	47450	50350	51350	55450	55850	58400	60300	59350	59950	55550
Lower Decile	0	0	0	0	0	33700	39350	35800	44850	39500	40900	45250	46150	49850	51150	53250	52500	51500	47450
Mean	0	0	0	0	0	44550	48250	48200	50950	51300	54050	58600	62500	62950	66200	66300	67100	66750	63500
---------- Supporting Data ----------																			
Total Number	0	3	2	5	8	17	19	19	37	105	129	161	227	306	293	355	411	676	2773
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2

SALARY CURVES FOR ENGINEERS IN AEROSPACE NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: AEROSPACE, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34300	35550	36850	38200	39600	41050	42550	44050	45600	48850	53850	58850	63500	67500	70400	71800	71600	63850	59100
Upper Quartile	32800	33900	35000	36150	37350	38550	39800	41050	42350	44950	49000	52950	56650	59800	62150	63400	63550	58400	50600
Median	31150	32050	32950	33850	34800	35750	36750	37700	38750	40750	43800	46800	49600	52050	54000	55300	55850	53550	40250
Lower Quartile	29650	30300	30950	31600	32300	32950	33650	34300	35000	36400	38450	40450	42400	44150	45650	46900	47800	48250	33900
Lower Decile	28400	28850	29250	29700	30150	30550	31000	31450	31900	32750	34050	35350	36600	37800	38900	39950	40850	42550	30750
Mean	31200	32100	33000	33950	34900	35850	36850	37850	38850	40900	44000	47000	49800	52250	54200	55500	56000	53600	42950
Raw (Unsmoothed) Statistics																			
Upper Decile	32800	34300	35900	37550	39600	42400	43600	46100	47750	51400	55250	58500	62350	63850	66400	67050	67250	66850	59100
Upper Quartile	31450	32900	34200	35700	37300	39200	41000	43000	44450	46600	49900	52050	55600	57800	59350	60300	60600	60550	50600
Median	30200	31250	32500	33500	34950	36200	37800	38950	40200	41750	43200	45800	48600	51700	53350	54350	54050	54600	40250
Lower Quartile	28850	29850	30800	31550	32400	33350	34500	35100	35600	36750	37450	39250	41550	44050	46200	47200	47800	48350	33900
Lower Decile	28000	28250	29250	30150	30350	30850	31600	31800	32450	32300	33050	34250	35450	38150	40450	40950	41700	42000	30750
Mean	30250	31350	32550	33700	34900	36450	37800	39050	40200	41850	43800	46100	48850	51400	53350	54200	54550	54650	42950
Supporting Data																			
Total Number	557	661	1032	1101	1043	982	931	774	642	1423	956	735	750	733	744	693	1013	1752	16522
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	3	4	5	1	1	3	2	2	1	2	0	1	0	1	0	0	0	1	27

1989 ENGINEERING SALARY STATISTICS: AEROSPACE, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33950	35250	36600	37950	39400	40900	42450	44050	45700	49150	54550	60050	65350	70000	73500	75450	75600	67550	61650
Upper Quartile	32500	33600	34750	35900	37100	38350	39650	40950	42300	45050	49300	53550	57600	61150	63900	65600	66050	61250	51800
Median	30900	31800	32700	33600	34550	35550	36500	37500	38550	40600	43700	46850	49750	52400	54600	56150	56950	55200	40100
Lower Quartile	29500	30150	30750	31400	32050	32700	33400	34050	34750	36100	38150	40200	42150	43950	45600	47000	48100	49200	33600
Lower Decile	28350	28750	29150	29550	29950	30350	30800	31200	31600	32450	33700	34950	36200	37400	38600	39700	40750	43100	30650
Mean	30950	31850	32800	33750	34700	35700	36700	37700	38750	40850	44050	47250	50250	52950	55150	56750	57500	55550	43550
Raw (Unsmoothed) Statistics																			
Upper Decile	32500	33950	35750	37500	39400	42300	43400	46250	48600	51400	56000	59400	64400	67050	61350	71200	70750	70450	61650
Upper Quartile	31400	32800	33950	35550	37100	39050	40700	42900	44550	46350	50050	52200	57250	59550	60550	63450	63100	63050	51800
Median	30150	31200	32400	33400	34700	36100	37400	38550	39900	41300	42500	45600	49000	52750	53400	56350	56000	55750	40100
Lower Quartile	28800	29750	30700	31500	32250	33150	34200	34700	35150	36200	36800	38750	41350	44400	45900	48050	48500	49000	33600
Lower Decile	27950	28200	29150	30100	30300	30700	31300	31500	32250	31900	32400	33650	35050	37750	39950	41250	41900	42450	30650
Mean	30150	31200	32400	33600	34700	36350	37450	38900	40200	41550	43600	46200	49600	52500	53950	56150	56350	56300	43550
Supporting Data																			
Total Number	543	637	988	1033	954	891	794	672	549	1232	823	598	659	688	632	700	1005	1865	15263
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	3	4	5	1	1	3	2	1	0	2	0	1	0	2	0	0	1	1	27

1989 ENGINEERING SALARY STATISTICS: AEROSPACE, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	53900	55200	56500	57800	60450	64350	68150	71750	74900	77450	79300	80350	78700	76400
Upper Quartile	0	0	0	0	0	48600	49800	51000	52200	54600	58200	61750	65000	67850	70200	71850	72700	70900	68800
Median	0	0	0	0	0	45650	46600	47600	48550	50450	53300	56050	58600	60900	62800	64250	65150	64700	61400
Lower Quartile	0	0	0	0	0	41700	42450	43250	44000	45550	47850	50050	52100	53950	55550	56800	57700	57950	52800
Lower Decile	0	0	0	0	0	33400	34100	34800	35500	36900	39000	41050	43000	44850	46450	47750	48750	49500	44300
Mean	0	0	0	0	0	45250	46200	47200	48150	50100	52950	55750	58350	60650	62600	64050	65000	64500	61000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	54950	55100	58400	58250	58750	64650	68400	71850	74500	79450	77500	81000	78650	76400
Upper Quartile	0	0	0	0	0	45100	48100	51900	54700	54350	58400	62100	66700	67500	70500	71700	71300	71300	68800
Median	0	0	0	0	0	42950	43600	48500	51250	50400	53650	55550	61200	60100	62200	64250	64550	64950	61400
Lower Quartile	0	0	0	0	0	41700	41200	43250	48050	45500	47950	48450	52100	53400	55400	58250	57700	57750	52800
Lower Decile	0	0	0	0	0	33700	38450	35600	45300	34150	38000	39500	43050	44400	47750	49050	48650	49200	44300
Mean	0	0	0	0	0	44550	44950	47850	51500	49400	52550	55400	59600	59950	62850	64200	64750	64550	61000
Supporting Data																			
Total Number	0	2	2	5	7	17	13	18	23	72	90	95	135	185	158	216	282	482	1802
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2

1989 ENGINEERING SALARY STATISTICS: AEROSPACE, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34100	35300	36550	37850	39200	40600	42000	43450	44950	48000	52700	57350	61650	65300	67900	69150	68900	61750	56850
Upper Quartile	32600	33650	34750	35850	37000	38150	39300	40550	41750	44250	48100	51800	55300	58250	60500	61800	62000	57450	47850
Median	31050	31900	32750	33600	34500	35400	36300	37200	38150	40000	42800	45550	48150	50450	52300	53600	54300	52850	38350
Lower Quartile	29700	30250	30850	31450	32000	32600	33200	33850	34450	35650	37500	39300	41050	42650	44100	45350	46300	47450	33100
Lower Decile	28500	28850	29200	29600	29950	30300	30700	31050	31450	32200	33300	34450	35550	36650	37700	38700	39600	41700	30400
Mean	31150	31950	32850	33700	34600	35500	36400	37350	38250	40150	43000	45750	48350	50600	52400	53650	54250	52450	41250
Raw (Unsmoothed) Statistics																			
Upper Decile	32500	33950	35750	37450	39350	41900	43250	45850	47400	50400	53900	55600	59750	62100	62700	64500	64300	64700	56850
Upper Quartile	31400	32750	33950	35550	37100	38850	40600	42700	43900	45800	48300	50000	53900	56200	57500	59050	59300	59350	47850
Median	30150	31200	32350	33400	34700	36000	37350	38400	39550	40900	41550	44150	46750	50750	51050	53200	53100	53650	38350
Lower Quartile	28800	29750	30700	31450	32200	33100	34150	34600	34900	36100	36350	38050	39850	42500	44250	45400	46900	47500	33100
Lower Decile	27950	28200	29150	30100	30250	30650	31250	31400	32150	31800	32300	33200	34250	36850	38950	39650	40950	41150	30400
Mean	30150	31200	32400	33550	34650	36200	37350	38700	39700	41050	42500	44450	47000	49750	51000	52550	53100	53400	41250
Supporting Data																			
Total Number	543	635	986	1028	947	874	781	654	526	1160	733	503	524	503	474	484	723	1383	13461
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	3	4	5	1	1	3	2	1	0	2	0	1	0	1	0	0	0	1	25

1989 ENGINEERING SALARY STATISTICS: AEROSPACE, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40000	41400	42850	44350	45900	47500	49150	52550	57900	63350	68700	73600	77600	80350	81500	76350	72100
Upper Quartile	0	0	38100	39300	40550	41850	43200	44550	45950	48850	53250	57750	62050	66000	69200	71400	72450	69000	62800
Median	0	0	35950	37000	38000	39100	40150	41250	42400	44650	48150	51550	54800	57700	60100	61800	62650	60700	52950
Lower Quartile	0	0	33600	34400	35250	36050	36900	37750	38600	40350	42950	45500	47950	50200	52100	53600	54600	54500	42800
Lower Decile	0	0	31600	32200	32800	33350	33950	34550	35200	36400	38200	40000	41750	43400	44900	46200	47300	48900	36800
Mean	0	0	35950	37000	38050	39100	40200	41350	42500	44800	48350	51900	55300	58350	60900	62750	63800	62050	53750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	37750	39000	40800	44900	46000	47150	49950	55550	59300	64300	70300	73900	75350	75250	79550	78650	72100
Upper Quartile	0	0	36800	37350	39100	41400	43100	44300	46750	51300	54450	58850	63450	65150	67550	69100	70050	70800	62800
Median	0	0	35300	35950	36900	37950	40300	41200	43400	46300	49100	51350	55150	57450	59700	61650	60200	61800	52950
Lower Quartile	0	0	33900	33300	35000	35200	37150	37600	39500	41000	43700	44800	47400	50050	53450	54200	52300	55150	42800
Lower Decile	0	0	32500	31600	33300	33000	34400	34450	36050	36650	37950	37750	41650	42950	46000	48500	46900	48400	36800
Mean	0	0	35500	35550	37000	38450	40650	41050	43250	46200	49000	51900	56100	57900	60600	61900	61800	63100	53750
Supporting Data																			
Total Number	14	27	46	73	95	105	153	116	122	275	237	253	267	290	342	310	376	514	3615
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2

1989 ENGINEERING SALARY STATISTICS: AEROSPACE, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	61050	63800	67950	71950	75750	79150	82000	84200	85500	84550	82000
Upper Quartile	0	0	0	0	0	0	0	0	55950	58500	62250	65950	69400	72500	75050	76950	78050	76850	74100
Median	0	0	0	0	0	0	0	0	52300	54400	57500	60500	63300	65750	67850	69400	70350	69800	66350
Lower Quartile	0	0	0	0	0	0	0	0	49150	50900	53500	55950	58200	60100	61700	62850	63500	62700	59900
Lower Decile	0	0	0	0	0	0	0	0	46600	47850	49650	51350	53000	54550	55900	57050	57950	59250	53850
Mean	0	0	0	0	0	0	0	0	52850	54950	58100	61100	63950	66500	68650	70300	71400	71150	67350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	55600	61100	68400	75200	82350	78600	81400	80600	84300	85800	82000
Upper Quartile	0	0	0	0	0	0	0	0	53500	58400	61700	67350	70700	73600	74650	74000	79450	77100	74100
Median	0	0	0	0	0	0	0	0	50000	55150	56550	61450	64150	66350	67850	67850	70550	70050	66350
Lower Quartile	0	0	0	0	0	0	0	0	46500	52450	53800	56000	57300	61150	61850	62450	63150	62850	59900
Lower Decile	0	0	0	0	0	0	0	0	44400	48900	51550	50950	51300	55450	55750	57350	57850	59200	53850
Mean	0	0	0	0	0	0	0	0	50050	55050	57800	62200	65350	66900	68450	68750	71450	71500	67350
Supporting Data																			
Total Number	0	1	0	0	1	0	6	1	14	29	36	56	77	99	116	130	116	184	866
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: AEROSPACE, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40150	41400	42700	44000	45350	46700	48100	50950	55350	59750	63950	67700	70750	72800	73700	70200	64750
Upper Quartile	0	0	38100	39200	40350	41500	42650	43850	45050	47500	51250	54900	58300	61300	63650	65200	65800	62650	57000
Median	0	0	36150	37050	37950	38850	39800	40750	41700	43600	46450	49200	51800	54050	55950	57250	58000	56750	48400
Lower Quartile	0	0	33850	34550	35250	35950	36650	37400	38100	39550	41700	43750	45750	47550	49150	50450	51400	52000	40450
Lower Decile	0	0	31900	32400	32900	33400	33900	34400	34950	35950	37450	38900	40300	41550	42750	43750	44600	45800	35900
Mean	0	0	36050	36950	37900	38850	39750	40750	41700	43650	46600	49450	52100	54500	56450	57900	58700	57550	49450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	37750	39000	40700	44900	45250	46900	48650	54150	57250	60600	65250	64700	68150	69350	72350	72400	64750
Upper Quartile	0	0	36800	37350	39000	41400	42800	44200	45900	49600	52300	54900	59500	59100	62900	63550	64000	64100	57000
Median	0	0	35300	35950	36850	37950	40050	41150	42550	45150	47250	49000	51700	53150	56350	56000	56300	57850	48400
Lower Quartile	0	0	33900	33300	34950	35200	36950	37550	39050	40350	42450	42950	44750	46950	50550	50950	49900	52500	40450
Lower Decile	0	0	32500	31600	33250	33000	34350	34450	35600	36100	37550	37050	40150	41200	43900	45300	44250	45500	35900
Mean	0	0	35500	35550	36900	38450	40050	40900	42400	45150	47400	49000	52300	53250	56600	56950	57500	58450	49450
Supporting Data																			
Total Number	14	26	46	73	94	105	147	115	108	246	201	197	190	191	226	180	260	330	2749
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2

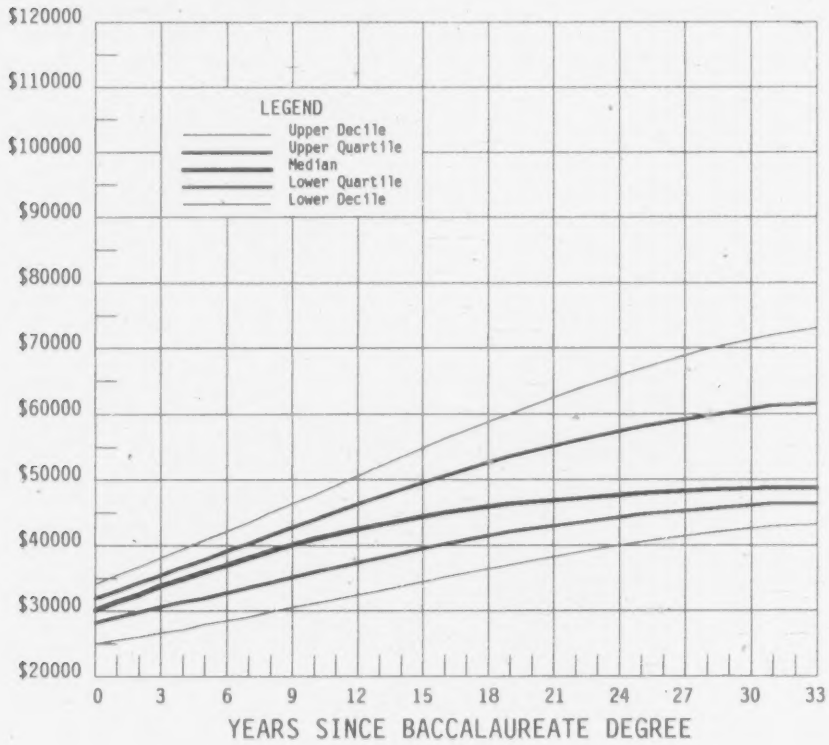
1989 ENGINEERING SALARY STATISTICS: AEROSPACE, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	61050	66050	71200	76300	81100	85450	89050	91650	92400	83750
Upper Quartile	0	0	0	0	0	0	0	0	0	56350	60650	64950	69100	72900	76150	78700	80300	79400	71200
Median	0	0	0	0	0	0	0	0	0	49650	53400	57100	60500	63550	65950	67550	68200	65350	61500
Lower Quartile	0	0	0	0	0	0	0	0	0	44550	47200	49750	52150	54300	56150	57600	58550	58450	52200
Lower Decile	0	0	0	0	0	0	0	0	0	42100	43450	44750	46000	47200	48250	49250	50100	51700	44600
Mean	0	0	0	0	0	0	0	0	0	50500	54150	57750	61200	64350	67050	69050	70300	69400	62950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	62550	64650	71350	75850	79900	86150	92000	91150	91850	83750
Upper Quartile	0	0	0	0	0	0	0	0	0	58350	58500	65900	67550	71900	77250	80850	80400	78750	71200
Median	0	0	0	0	0	0	0	0	0	48500	53500	57450	61650	63500	66250	67000	66000	66250	61500
Lower Quartile	0	0	0	0	0	0	0	0	0	43600	48900	47250	54050	56850	55150	57200	55750	59600	52200
Lower Decile	0	0	0	0	0	0	0	0	0	42050	44500	43250	44300	50150	51150	45800	47450	52850	44600
Mean	0	0	0	0	0	0	0	0	0	50750	53600	56950	61750	65600	67350	68750	68050	70100	62950
Supporting Data																			
Total Number	0	0	0	0	2	3	3	5	8	21	25	45	51	61	63	38	43	49	417
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: AEROSPACE, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	59250	63750	68250	72600	76550	80000	82600	84300	83350	75950
Upper Quartile	0	0	0	0	0	0	0	0	0	53450	57300	61100	64750	68100	70950	73150	74600	74100	66700
Median	0	0	0	0	0	0	0	0	0	48650	51600	54500	57200	59600	61600	63150	64050	63450	57900
Lower Quartile	0	0	0	0	0	0	0	0	0	44400	46300	48150	49950	51600	53150	54500	55650	57400	49150
Lower Decile	0	0	0	0	0	0	0	0	0	41800	42600	43450	44350	45200	46100	46950	47850	50250	43250
Mean	0	0	0	0	0	0	0	0	0	49400	52250	55050	57700	60150	62250	63950	65200	65700	58900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	61200	65050	67000	68400	78200	78400	90250	85000	81850	75950
Upper Quartile	0	0	0	0	0	0	0	0	0	52600	58500	61000	63550	70600	69600	74350	73000	74500	66700
Median	0	0	0	0	0	0	0	0	0	46500	53000	54500	58650	61500	59200	63350	62400	64350	57900
Lower Quartile	0	0	0	0	0	0	0	0	0	43100	49250	45900	50000	54050	53400	54900	52250	58400	49150
Lower Decile	0	0	0	0	0	0	0	0	0	41850	44300	41750	41900	47900	50200	44900	44000	51350	43250
Mean	0	0	0	0	0	0	0	0	0	49150	53550	53750	56700	63100	61800	64650	63050	66150	58900
Supporting Data																			
Total Number	0	0	0	0	2	3	3	5	8	17	22	35	36	39	44	29	30	39	312
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

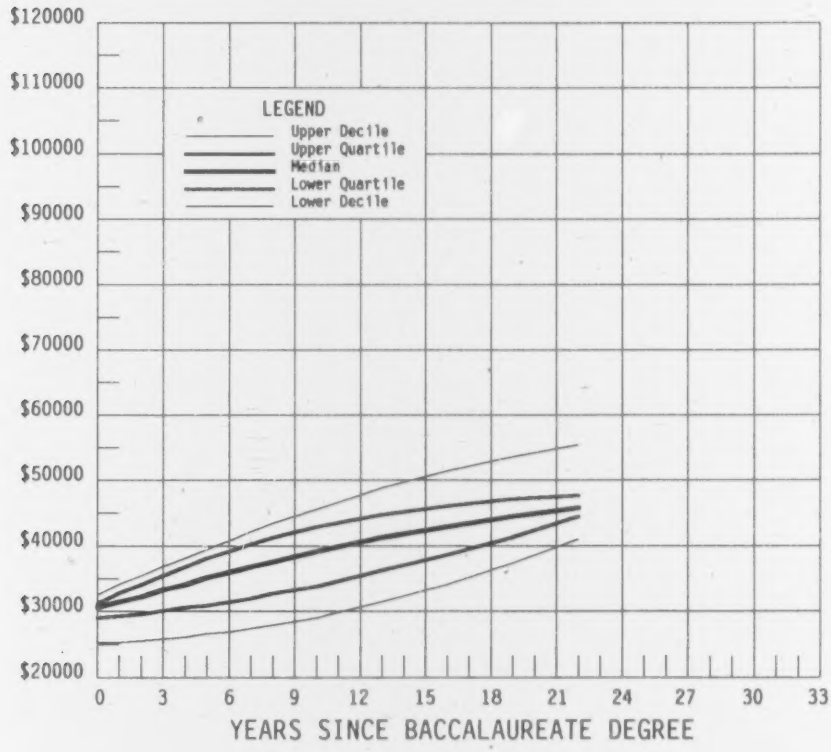
SALARY CURVES FOR ENGINEERS IN AUTOMOTIVE INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: AUTOMOTIVE INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34250	35550	36850	38150	39500	40850	42200	43600	45000	47800	52050	56150	60100	63700	66950	69750	72100	75800	56750
Upper Quartile	31950	33150	34350	35550	36750	37950	39200	40400	41600	44000	47450	50650	53550	56050	58150	59850	61200	63100	47700
Median	30150	31400	32600	33800	35000	36100	37200	38200	39150	40950	43200	44950	46300	47300	48000	48450	48750	49000	40700
Lower Quartile	28300	29050	29800	30550	31350	32100	32900	33650	34450	35950	38150	40200	42000	43500	44750	45700	46350	47000	33750
Lower Decile	25100	25600	26150	26700	27300	27900	28500	29150	29800	31100	33150	35200	37150	39000	40600	41900	42900	44150	30100
Mean	30050	31050	32050	33100	34100	35100	36150	37150	38200	40200	43100	45850	48350	50550	52450	54050	55300	57200	42250
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	31700	33800	39250	47350	39950	41400	0	0	0	43900	52900	57600	58850	66200	55850	0	0	88500	56750
Upper Quartile	31250	32450	35050	36000	38350	38650	0	0	0	42700	48000	53600	50800	55600	50050	0	0	73400	47700
Median	30500	31200	32750	33700	35900	34550	0	0	0	40550	43900	45900	44200	51050	43800	0	0	49850	40700
Lower Quartile	28650	30250	26650	32350	34300	25600	0	0	0	37150	38050	42050	41450	46600	41400	0	0	43350	33750
Lower Decile	25900	26100	24950	24200	32350	24050	0	0	0	35100	27500	39200	38550	42600	36100	0	0	40700	30100
Mean	29700	30800	32150	34250	35800	32800	0	0	0	39900	42800	47550	47450	52750	45250	0	0	61600	42250
---------- Supporting Data ----------																			
Total Number	13	29	13	15	17	14	8	10	9	25	30	39	28	22	14	9	7	12	312
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3

SALARY CURVES FOR ENGINEERS IN AUTOMOTIVE INDUSTRIES NON-SUPERVISORS, ALL DEGREE LEVELS



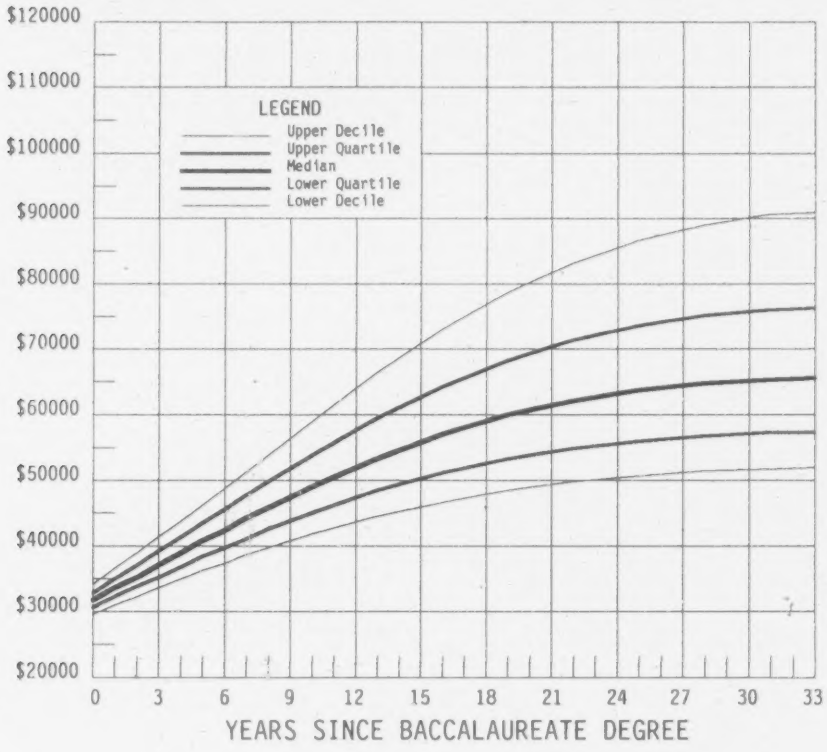
1989 ENGINEERING SALARY STATISTICS: AUTOMOTIVE INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	32650	34050	35450	36800	38200	39550	40850	42100	43350	45700	48900	51550	53700	55400	0	0	0	0	49250
Upper Quartile	31250	32750	34200	35550	36850	38050	39200	40250	41200	42900	44850	46250	47200	47800	0	0	0	0	43200
Median	30550	31450	32400	33300	34200	35100	35950	36800	37600	39150	41200	43000	44550	45750	0	0	0	0	38250
Lower Quartile	28950	29300	29700	30100	30550	31000	31550	32100	32700	33950	36150	38650	41400	44450	0	0	0	0	32400
Lower Decile	25200	25400	25600	25900	26200	26600	27000	27500	28000	29200	31400	34100	37350	41150	0	0	0	0	27800
Mean	30000	30800	31600	32450	33250	34100	34900	35750	36600	38250	40650	43000	45250	47300	0	0	0	0	38650
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	31700	33800	35750	38000	39950	40350	0	0	0	43100	47750	54400	48750	64350	0	0	0	0	49250
Upper Quartile	31250	32450	34650	35200	38350	37900	0	0	0	41750	45300	45600	45050	52800	0	0	0	0	43200
Median	30500	31200	32400	33450	35900	33750	0	0	0	39050	41550	42650	42700	48800	0	0	0	0	38250
Lower Quartile	28650	30250	26350	32250	34300	25450	0	0	0	36650	34800	39800	40800	44250	0	0	0	0	32400
Lower Decile	25900	26100	24850	21950	32350	21900	0	0	0	34600	27150	38250	38450	37850	0	0	0	0	27800
Mean	29700	30800	31250	32200	35800	32200	0	0	0	38700	39800	44000	43400	49500	0	0	0	0	38650
---------- Supporting Data ----------																			
Total Number	13	29	12	13	17	13	8	6	9	20	24	21	19	12	9	7	4	9	243
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: AUTOMOTIVE INDUSTRIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	31900	33600	36350	39500	42600	45300	47600	49350	50650	52200	53150	53350	53400	53400	0	0	0	0	52900
Upper Quartile	31250	32600	34000	35350	36700	38050	39350	40650	41900	44250	47400	50100	52250	54000	0	0	0	0	45050
Median	30550	31450	32350	33250	34150	35100	36000	36900	37800	39550	42100	44500	46700	48650	0	0	0	0	38050
Lower Quartile	28900	29150	29500	29900	30300	30750	31300	31850	32450	33750	36100	38900	42150	45750	0	0	0	0	32250
Lower Decile	25100	25350	25650	26000	26400	26850	27350	27900	28450	29800	32150	35000	38450	42400	0	0	0	0	27650
Mean	29900	30850	31750	32700	33650	34650	35600	36550	37500	39450	42250	44950	47500	49800	0	0	0	0	40050
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	31700	33550	35750	47350	37300	41400	0	0	0	44150	57100	54750	58200	58800	0	0	0	0	52900
Upper Quartile	31250	32250	34650	36000	36250	38650	0	0	0	42850	49000	49700	51750	54750	0	0	0	0	45050
Median	30500	31150	32400	33700	35000	34550	0	0	0	40900	39800	45350	45300	50500	0	0	0	0	38050
Lower Quartile	28650	30200	26350	32350	33600	25600	0	0	0	37300	33150	41050	41700	44650	0	0	0	0	32250
Lower Decile	25900	26050	24850	24200	27850	24050	0	0	0	35900	26950	38600	37600	41200	0	0	0	0	27650
Mean	29700	30700	31650	34250	34350	32800	0	0	0	40050	41050	46100	46650	50100	0	0	0	0	40050
---------- Supporting Data ----------																			
Total Number	13	28	12	15	12	14	6	10	7	21	19	25	19	14	9	1	4	9	236
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Less Than $22000	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3

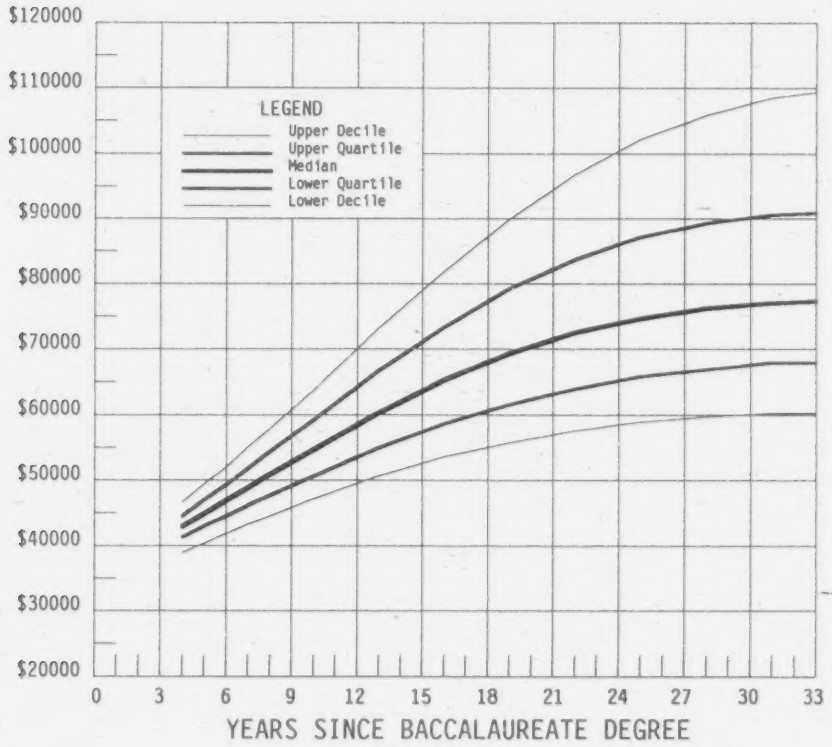
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34200	36450	38800	41200	43700	46200	48750	51300	53900	59000	66350	73000	78700	83300	86750	89200	90700	92050	74350
Upper Quartile	32900	34950	37050	39150	41300	43450	45600	47750	49850	53900	59500	64350	68300	71350	73600	75100	76100	76900	62550
Median	31700	33500	35300	37100	38950	40700	42500	44200	45900	49100	53450	57050	59900	62100	63700	64750	65450	66000	51400
Lower Quartile	30650	32200	33750	35300	36800	38300	39750	41150	42550	45100	48450	51200	53350	54950	56100	56900	57350	57750	41700
Lower Decile	29700	31050	32350	33650	34950	36200	37400	38550	39700	41750	44500	46750	48500	49850	50800	51400	51800	52150	34500
Mean	31850	33650	35450	37300	39150	40950	42800	44600	46400	49850	54600	58700	62100	64800	66800	68250	69150	70000	53800
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	36900	37750	40100	44450	46650	49100	51650	53350	58400	66950	72550	79900	83350	90450	92200	87850	88600	74350
Upper Quartile	33450	35000	36100	37750	41000	44250	45900	48300	50100	53700	59300	64600	68450	72050	75150	75950	75500	75000	62550
Median	32350	33300	34800	36000	38250	41100	42850	44500	46800	49600	53350	56650	60000	63450	65050	64450	65550	64450	51400
Lower Quartile	31100	32100	33350	34650	36250	38100	40000	41700	43050	45600	48150	51100	53500	55950	57050	57200	57500	56300	41700
Lower Decile	30300	30650	32100	33150	34450	36100	37400	39050	39800	41600	44600	47100	48300	50550	52050	51650	52350	50350	34500
Mean	32350	33650	34750	36350	38950	41200	43050	44950	46750	49600	54500	58550	62450	65650	68600	69400	68250	68050	53800
Supporting Data																			
Total Number	662	577	388	489	541	480	478	690	725	1394	1129	1139	1102	1062	1014	719	631	982	14190
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	4	10	15	8	22	63
Less Than $22000	1	0	4	2	1	2	1	1	0	0	1	0	1	0	0	2	2	1	18

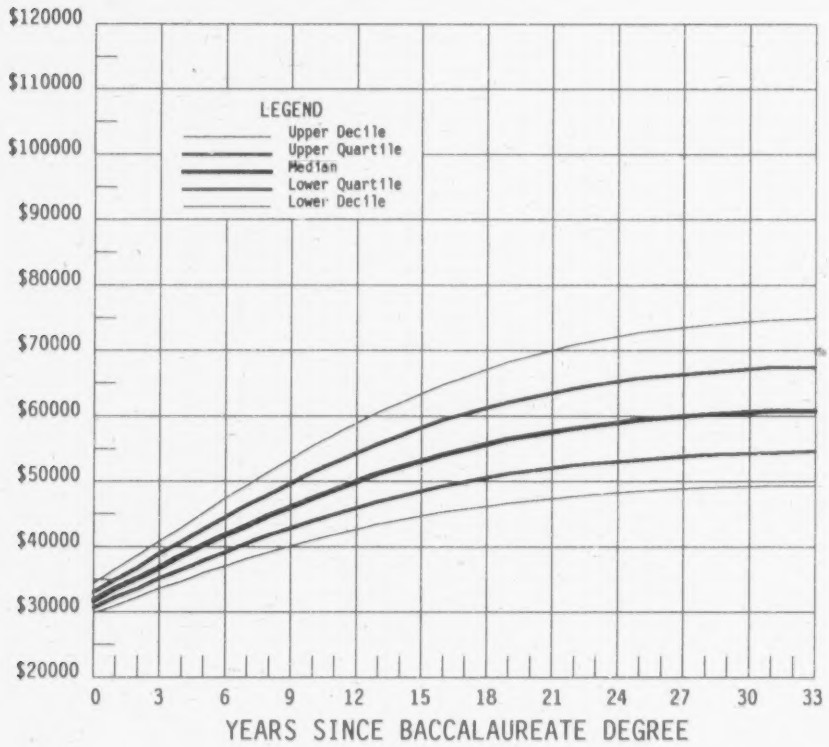
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	46700	49350	52100	54950	57850	63800	72950	81850	89900	96750	102100	106000	108600	111400	91900
Upper Quartile	0	0	0	0	44600	46950	49350	51800	54300	59250	66600	73350	79150	83750	87100	89300	90600	91650	77500
Median	0	0	0	0	42950	44900	46900	48900	50900	54800	60400	65300	69400	72550	74800	76250	77150	77800	66100
Lower Quartile	0	0	0	0	41200	42850	44500	46100	47700	50750	54950	58600	61600	64000	65800	67050	67900	68650	55600
Lower Decile	0	0	0	0	38900	40350	41800	43200	44600	47150	50600	53500	55800	57550	58850	59700	60250	60700	48900
Mean	0	0	0	0	42950	44950	46950	49000	51050	55150	61150	66700	71550	75550	78650	80850	82250	83500	69000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	46850	49200	52400	55200	57600	63650	74150	79450	91300	93300	108250	113300	97800	111000	91900
Upper Quartile	0	0	0	0	45500	46850	49500	52600	53500	58750	67250	72700	80050	81550	90000	91550	87350	90500	77500
Median	0	0	0	0	43200	45400	46200	50050	50650	54550	59950	66050	69000	71900	75850	77800	76100	76550	66100
Lower Quartile	0	0	0	0	40600	44000	43250	47100	47950	50750	54750	58200	61150	64500	67800	66200	67650	67050	55600
Lower Decile	0	0	0	0	38600	40400	41000	44400	44950	46750	50950	53000	54900	58350	61300	58750	59250	59350	48900
Mean	0	0	0	0	43000	45050	46500	49900	50800	54900	61450	66350	71800	74500	80900	82350	79550	82100	69000
Supporting Data																			
Total Number	2	9	4	17	36	36	70	103	142	358	388	423	426	435	388	281	217	284	3621
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	4	10	15	8	20	60
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34400	36550	38700	40850	43050	45200	47350	49450	51500	55350	60550	64900	68300	70900	72700	73950	74700	75350	64850
Upper Quartile	33100	35000	36900	38850	40750	42650	44500	46350	48100	51400	55800	59350	62200	64300	65750	66750	67400	67900	56250
Median	31850	33550	35200	36900	38550	40150	41750	43300	44750	47550	51200	54150	56450	58200	59400	60200	60750	61150	47450
Lower Quartile	30750	32250	33700	35150	36550	37900	39250	40500	41750	44050	46950	49350	51150	52500	53450	54100	54500	54850	38550
Lower Decile	29750	31050	32350	33600	34800	35950	37100	38150	39150	41050	43400	45300	46700	47750	48500	48950	49250	49450	33500
Mean	32000	33700	35400	37050	38750	40350	41950	43550	45050	47850	51550	54600	57000	58800	60100	60950	61500	61950	48550
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	36800	37750	39950	43700	46400	47900	49950	52150	55200	59450	63250	67350	71000	73800	73700	75850	77900	64850
Upper Quartile	33450	34950	36050	37700	40600	43700	45200	46950	49050	51150	55000	58550	61800	64950	66600	66550	68500	68500	56250
Median	32350	33250	34800	36000	37900	40750	42400	43700	45800	47700	50100	54000	55750	59100	60200	60700	61400	61050	47450
Lower Quartile	31100	32100	33300	34600	36150	37900	39550	41350	42350	43900	46500	48800	51050	53350	54450	54450	55250	54300	38550
Lower Decile	30300	30650	32100	33100	34400	36000	37050	38700	39300	41050	43400	45200	46900	48550	49700	49050	49650	48250	33500
Mean	32350	33550	34750	36300	38600	40900	42450	44150	45800	47750	50800	54000	56550	59500	61050	60900	62200	62350	48550
Supporting Data																			
Total Number	661	570	383	472	504	445	408	588	582	1035	741	720	674	629	626	436	411	698	10570
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Less Than $22000	1	0	4	2	1	2	1	1	0	0	1	0	1	0	0	2	2	1	18

1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34100	36400	38750	41200	43700	46200	48800	51350	53950	59100	66450	73100	78750	83300	86700	89100	90600	91900	72250
Upper Quartile	32800	34900	37050	39200	41350	43550	45700	47850	49950	54000	59500	64200	67950	70800	72850	74200	75000	75650	60700
Median	31700	33500	35350	37200	39000	40850	42600	44350	46000	49200	53400	56850	59600	61650	63050	64000	64550	65000	49600
Lower Quartile	30600	32200	33800	35350	36900	38400	39850	41250	42600	45150	48400	51000	53000	54450	55450	56150	56550	56850	40100
Lower Decile	29650	31050	32400	33750	35050	36300	37550	38700	39850	41900	44550	46650	48200	49400	50200	50700	51050	51300	33700
Mean	31800	33600	35450	37300	39200	41050	42900	44700	46500	49950	54600	58650	61900	64450	66300	67550	68350	69000	52200
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	36800	37750	40000	44200	46450	48700	51600	53500	58600	67400	73400	80450	82200	92800	90300	88100	86750	72250
Upper Quartile	33450	34900	36000	37700	41000	44050	45800	48200	50250	53850	59600	65550	68700	71200	74500	73500	74850	72500	60700
Median	32350	33250	34800	36050	38250	41150	43050	44500	46950	48900	53700	57150	60150	62400	63950	62900	65150	63050	49600
Lower Quartile	31100	32050	33350	34600	36300	38200	40500	41750	43150	44900	48250	51100	53700	55250	55600	56150	56800	55350	40100
Lower Decile	30300	30650	32050	33050	34500	36150	37800	39200	40150	41650	44800	47000	48500	50200	50500	51150	51300	49400	33700
Mean	32350	33550	34700	36250	38900	41100	43150	45000	46900	49650	54850	59050	62600	64950	68100	67950	67850	66150	52200
Supporting Data																			
Total Number	661	563	327	424	464	379	376	614	612	1075	834	812	820	721	661	481	429	707	10956
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	11	6	8	38
Less Than $22000	1	0	4	2	1	2	1	1	0	0	1	0	0	0	0	0	2	1	16

1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	46700	49400	52200	55050	58000	64050	73200	81950	89650	95850	100400	103400	105100	106350	90450
Upper Quartile	0	0	0	0	44450	46850	49300	51800	54300	59400	66750	73500	79100	83450	86400	88250	89200	89600	75700
Median	0	0	0	0	42850	44900	46900	48950	51000	54950	60500	65250	69000	71700	73450	74400	74800	74700	64300
Lower Quartile	0	0	0	0	41350	43000	44650	46250	47800	50800	54850	58300	61050	63100	64550	65500	66050	66450	54300
Lower Decile	0	0	0	0	39100	40550	41950	43300	44600	47050	50300	53000	55100	56650	57700	58400	58800	59100	47950
Mean	0	0	0	0	43050	45050	47050	49100	51150	55250	61150	66550	71200	74850	77500	79300	80350	81150	67400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	46900	49200	52550	55250	57650	63600	74550	79700	90400	93350	111400	110650	98250	99950	90450
Upper Quartile	0	0	0	0	45550	46850	49650	52700	53700	58700	66900	72800	80100	80700	92050	89700	87300	89200	75700
Median	0	0	0	0	43300	45400	46550	50150	50700	54600	59450	66300	68750	71000	75200	75050	75600	74450	64300
Lower Quartile	0	0	0	0	40900	44000	43500	47200	47950	50700	54250	58650	61050	62700	66800	65000	67100	65400	54300
Lower Decile	0	0	0	0	38650	40400	41500	44400	44850	46700	50350	52900	54450	56850	60100	58450	59300	57900	47950
Mean	0	0	0	0	43100	45050	46850	50000	50850	54900	61100	66700	71300	73850	81150	80650	79400	79150	67400
Supporting Data																			
Total Number	2	8	4	16	35	36	63	99	134	309	324	326	338	296	265	196	158	211	2816
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	11	6	8	38
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34250	36450	38600	40800	43000	45150	47300	49350	51350	55150	60050	64050	67150	69400	71000	72000	72600	73100	62950
Upper Quartile	33000	34950	36900	38850	40750	42650	44450	46250	48000	51200	55350	58750	61300	63200	64500	65350	65850	66250	54650
Median	31800	33550	35250	36950	38600	40200	41750	43300	44750	47400	50850	53600	55700	57200	58250	58950	59350	59650	45650
Lower Quartile	30750	32250	33750	35200	36600	38000	39350	40600	41800	44050	46850	49100	50750	52000	52800	53350	53650	53900	37100
Lower Decile	29650	31050	32350	33650	34900	36100	37250	38300	39300	41150	43400	45100	46400	47300	47900	48300	48500	48700	32900
Mean	31900	33650	35400	37100	38750	40400	42000	43550	45000	47750	51300	54150	56300	57900	59000	59700	60150	60450	46950
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	36700	37750	39900	43550	45950	46900	49750	52150	54900	59450	63350	67200	69750	72050	70100	74300	74950	62950
Upper Quartile	33450	34850	36000	37650	40550	43450	45050	46700	49050	50650	55100	58650	61700	63900	65100	63600	67800	66800	54650
Median	32350	33200	34800	36000	37900	40700	42550	43650	45750	47400	49900	53850	55850	58100	58250	58900	60400	59900	45650
Lower Quartile	31100	32050	33300	34600	36200	37950	39900	41400	42400	43750	46450	48600	51150	52800	53600	53750	54550	53600	37100
Lower Decile	30250	30650	32050	32950	34450	36000	37250	38800	39600	41100	43700	45000	47200	48300	48650	48750	48900	47400	32900
Mean	32350	33500	34650	36200	38550	40650	42400	44050	45850	47600	50850	53950	56600	58700	59550	59100	61150	60750	46950
Supporting Data																			
Total Number	659	555	324	410	428	346	313	514	481	765	511	486	482	425	397	286	270	501	8139
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	0	4	2	1	2	1	1	0	0	1	0	0	0	0	0	2	1	16

1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	37200	39550	41950	44450	46950	49500	52100	57250	64850	71900	78000	82950	86650	89200	90800	92100	77800
Upper Quartile	0	0	35850	37850	39900	41950	44050	46100	48200	52300	58150	63450	67950	71550	74300	76250	77450	78500	66050
Median	0	0	34250	35950	37650	39400	41100	42800	44500	47800	52400	56450	59800	62400	64350	65600	66400	67050	54900
Lower Quartile	0	0	32950	34350	35750	37150	38500	39850	41200	43800	47350	50450	53000	54950	56400	57350	57950	58400	45050
Lower Decile	0	0	32050	33100	34150	35200	36250	37300	38300	40300	43100	45550	47600	49200	50350	51150	51650	52050	37800
Mean	0	0	34500	36200	37900	39650	41400	43150	44900	48350	53250	57700	61550	64650	67050	68700	69750	70700	57250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	37750	39900	42350	43900	45350	48800	51800	57450	65650	71300	77350	87100	87950	96500	84800	89200	77800
Upper Quartile	0	0	36350	37950	39950	41850	42850	45750	48400	52500	58550	62650	66800	74000	76950	80400	72850	77750	66050
Median	0	0	34850	35850	37600	39250	40200	42400	44550	48450	52050	55950	58600	65350	67350	65750	63600	66700	54900
Lower Quartile	0	0	33400	34600	35700	36950	38200	39400	40450	43750	47450	50650	52300	57200	58550	56300	56900	57950	45050
Lower Decile	0	0	32300	33550	34100	35250	36300	37100	36500	40150	43100	46800	46350	50250	53500	49550	51600	51100	37800
Mean	0	0	34950	36350	38050	39450	40550	42750	44550	48600	53200	57450	60900	66900	69300	70650	66100	70500	57250
Supporting Data																			
Total Number	1	13	56	62	68	77	79	58	78	232	222	264	210	230	237	149	122	183	2333
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1	7	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	64250	72150	80000	87550	94500	100700	105500	110000	115600	94650
Upper Quartile	0	0	0	0	0	0	0	0	0	58050	66550	73850	79550	83650	86450	88100	89000	89600	80950
Median	0	0	0	0	0	0	0	0	0	53200	60250	66000	70300	73250	75200	76300	76850	77200	70550
Lower Quartile	0	0	0	0	0	0	0	0	0	50600	55050	59200	62700	65400	67300	68500	69150	69550	60200
Lower Decile	0	0	0	0	0	0	0	0	0	47050	51800	55350	57800	59350	60300	60800	61050	61150	52850
Mean	0	0	0	0	0	0	0	0	0	54450	61000	66900	71900	75800	78650	80550	81650	82500	73000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	64550	72250	78000	92000	94400	98500	113550	95750	137150	94650
Upper Quartile	0	0	0	0	0	0	0	0	0	58000	67500	72150	79500	85000	87150	94500	86750	92900	80950
Median	0	0	0	0	0	0	0	0	0	53000	61650	64500	69700	73500	77450	81250	76500	78550	70550
Lower Quartile	0	0	0	0	0	0	0	0	0	50350	57000	57150	61000	67700	70450	71000	65650	72100	60200
Lower Decile	0	0	0	0	0	0	0	0	0	46600	54400	53000	55400	62800	65100	58200	57350	65750	52850
Mean	0	0	0	0	0	0	0	0	0	54250	62450	65100	71850	76350	80550	84350	77750	88550	73000
Supporting Data																			
Total Number	0	1	0	1	1	1	8	4	7	46	56	90	66	96	92	62	37	53	615
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1	7	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	38300	40100	42000	43900	45800	47750	49650	53500	59000	63950	68200	71550	74000	75750	76850	77950	67500
Upper Quartile	0	0	36500	38200	39850	41550	43250	44950	46650	49950	54650	58800	62200	64850	66750	68000	68800	69500	59300
Median	0	0	34600	36100	37600	39100	40650	42100	43600	46450	50400	53800	56500	58500	59900	60750	61250	61550	50550
Lower Quartile	0	0	33250	34500	35700	36900	38100	39300	40450	42700	45800	48500	50750	52500	53850	54750	55350	55850	42050
Lower Decile	0	0	32400	33250	34150	35050	35950	36800	37700	39400	41850	44000	45850	47300	48400	49200	49700	50150	36650
Mean	0	0	34900	36400	37850	39350	40850	42300	43750	46600	50550	53950	56750	58950	60500	61500	62150	62750	51600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	37750	39900	42400	43900	44400	48300	50750	55000	59050	62450	66850	71850	75450	74500	73300	81350	67500
Upper Quartile	0	0	36350	37950	39950	41850	42500	45150	47400	50950	53600	58100	61400	65750	68550	67700	66850	70400	59300
Median	0	0	34850	35800	37550	39250	40100	42000	43800	47350	49600	53950	54950	59600	60900	60000	61350	61800	50550
Lower Quartile	0	0	33400	34600	35650	36950	38000	39200	39700	42850	45900	48700	50000	53250	55200	53600	55200	55500	42050
Lower Decile	0	0	32300	33500	34100	35250	36200	36950	36300	39400	42050	44150	45150	47800	51150	47250	49800	49150	36650
Mean	0	0	34950	36300	38000	39450	40250	42400	43900	47200	50100	53600	55750	59950	62200	60500	61100	63250	51600
Supporting Data																			
Total Number	1	12	56	61	67	77	72	54	70	186	166	175	144	134	144	86	87	133	1724
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

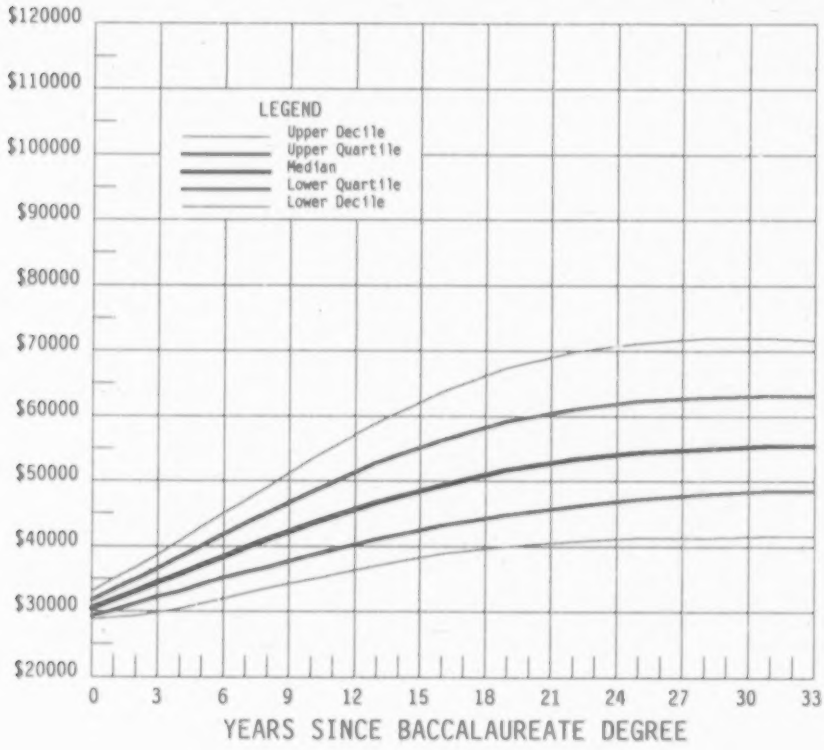
1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	52700	52900	53650	54800	58050	64450	71550	78150	83550	87300	89600	90750	91450	83700
Upper Quartile	0	0	0	0	0	49850	50450	51200	52150	54500	58800	63600	68400	72700	76250	78850	80500	81900	71700
Median	0	0	0	0	0	48450	48550	48750	49000	50400	53600	57400	61250	64650	67400	69300	70450	71400	61550
Lower Quartile	0	0	0	0	0	46500	46600	46800	47200	47800	50250	53250	56300	58950	61050	62500	63400	64100	52250
Lower Decile	0	0	0	0	0	44750	44850	45000	45400	46200	47150	49600	52050	54200	55850	56950	57600	58050	47900
Mean	0	0	0	0	0	48450	48600	49000	49600	51350	54900	59050	63300	67200	70400	72750	74250	75550	64200
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	53500	52300	54700	52500	58200	67600	66950	83000	80250	86750	95000	91100	94100	83700
Upper Quartile	0	0	0	0	0	49300	51250	52700	50650	54800	58800	61150	71650	73250	74900	80600	82150	83600	71700
Median	0	0	0	0	0	47450	49350	49700	48400	50950	53150	55550	61550	66200	66850	72250	70750	72200	61550
Lower Quartile	0	0	0	0	0	45700	47150	48050	46250	48150	49750	52400	54500	61000	62050	65000	62650	64400	52250
Lower Decile	0	0	0	0	0	44700	45300	47050	44900	46050	46000	48300	50700	54600	59050	61250	57550	55350	47900
Mean	0	0	0	0	0	48000	49100	50250	48600	51550	55100	57250	64800	67500	70000	75200	73950	77800	64200
---------- Supporting Data ----------																			
Total Number	0	0	2	2	7	25	26	22	33	88	73	68	74	109	116	90	81	89	900
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	7	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2

1989 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	52500	52700	53100	53700	56000	61050	66650	71800	75750	78450	80000	80750	81150	75150
Upper Quartile	0	0	0	0	0	49700	50000	50900	51450	53200	56800	60950	64950	68400	71000	72750	73800	74550	66350
Median	0	0	0	0	0	48300	48400	48550	48950	49800	52800	56250	59550	62200	64050	65200	65850	66200	57650
Lower Quartile	0	0	0	0	0	46250	46400	46600	47000	47700	49500	52400	55100	57300	58900	59850	60350	60700	50600
Lower Decile	0	0	0	0	0	44500	44650	44850	45250	46000	47000	49450	51700	53450	54700	55400	55750	55950	47300
Mean	0	0	0	0	0	48350	48500	48650	48900	50150	53250	57000	60600	63600	65850	67300	68150	68650	59850
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	53500	52300	54700	52500	57250	59950	64650	76000	74150	76600	79600	84500	88500	75150
Upper Quartile	0	0	0	0	0	49300	51250	52700	50450	54100	56900	59250	63400	68900	70150	74250	77600	78500	66350
Median	0	0	0	0	0	47450	49350	49700	48250	50550	52050	55000	57700	63100	64900	67400	67000	68650	57650
Lower Quartile	0	0	0	0	0	45700	47150	48050	46200	48000	48750	51200	52250	57350	61150	63450	60450	62150	50600
Lower Decile	0	0	0	0	0	44700	45300	47050	44850	45900	45550	48100	50000	53600	57750	60450	56300	54100	47300
Mean	0	0	0	0	0	48000	49100	50250	48500	51050	52750	55700	59000	63800	66300	68800	69550	72900	59850
---------- Supporting Data ----------																			
Total Number	0	0	2	2	7	25	26	22	32	83	61	60	50	72	84	65	56	65	707
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2

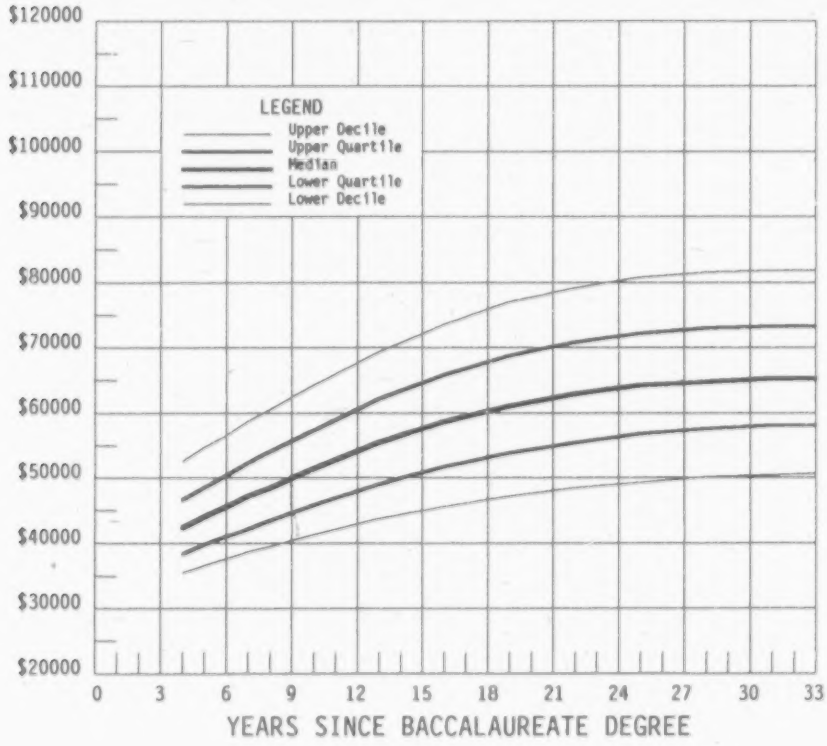
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32950	34850	36750	38750	40800	42850	44950	47050	49150	53250	58950	63750	67450	69900	71300	71900	71900	71150	63150
Upper Quartile	31800	33400	35000	36650	38350	40050	41750	43400	45100	48300	52700	56350	59200	61150	62350	62950	63150	62900	53650
Median	30450	31750	33050	34400	35750	37050	38350	39650	40950	43350	46700	49450	51650	53250	54350	55000	55350	55550	43350
Lower Quartile	29250	30250	31200	32200	33150	34150	35100	36000	36900	38650	41050	43100	44800	46150	47200	47950	48500	49150	36000
Lower Decile	28700	28950	29350	29900	30500	31200	31950	32750	33500	35050	37150	38850	40000	40800	41250	41450	41550	41600	31650
Mean	30550	31900	33250	34600	35950	37300	38700	40000	41350	43850	47300	50250	52550	54300	55450	56200	56600	56850	45900
Raw (Unsmoothed) Statistics																			
Upper Decile	32600	34850	36600	38850	40700	43400	45050	46750	50050	53400	59500	62650	66100	69050	71800	71050	72850	71600	63150
Upper Quartile	31450	33000	34750	36700	38600	40500	42050	43500	46200	48400	52800	54950	57700	60900	62650	62600	63750	63350	53650
Median	30300	31300	32800	34300	35900	37350	38900	40150	42300	43350	45900	48000	51100	53400	54550	55050	55900	55600	43350
Lower Quartile	28900	29950	31000	32250	33200	34300	35500	36450	38100	38850	40350	41950	43950	46050	47050	49100	48800	49100	36000
Lower Decile	28050	28400	29450	30450	31050	31700	32350	32950	33700	34350	35050	37050	39550	40400	41650	42750	42650	42700	31650
Mean	30500	31600	33050	34550	36050	37550	38900	40150	42300	43950	47000	49100	51900	54350	55800	56350	57150	56800	45900
Supporting Data																			
Total Number	841	894	1274	1609	1647	1441	1392	1155	1185	2499	1762	1487	1735	1502	1463	1698	1782	2916	28282
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	6	11
Less Than $22000	2	3	4	2	1	3	2	1	3	2	0	1	0	2	0	0	1	1	28

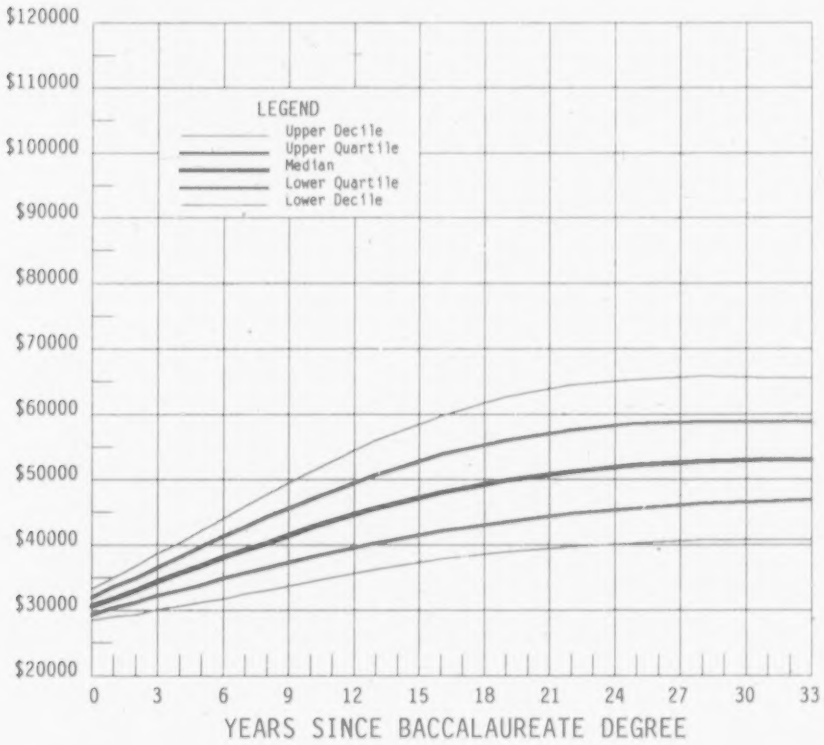
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	52600	54650	56650	58650	60650	64400	69450	73700	76950	79300	80800	81600	82000	82000	78500
Upper Quartile	0	0	0	0	46700	48550	50400	52200	54000	57400	62050	65900	68850	70950	72300	73050	73350	73300	69600
Median	0	0	0	0	42400	44000	45550	47100	48600	51500	55400	58650	61150	63000	64200	64900	65250	65400	61000
Lower Quartile	0	0	0	0	38400	39650	40950	42200	43450	45800	49000	51700	53900	55550	56750	57550	58050	58500	52150
Lower Decile	0	0	0	0	35550	36600	37600	38550	39500	41300	43700	45700	47300	48550	49450	50050	50450	50900	45000
Mean	0	0	0	0	43550	45100	46600	48100	49550	52350	56100	59250	61800	63650	64900	65700	66150	66500	61550
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	60600	58800	56400	52800	59350	63950	69900	72600	78850	79100	81750	80400	83750	81100	78500
Upper Quartile	0	0	0	0	48700	50000	50900	50600	52850	57750	61850	64800	69600	70550	73400	72900	74700	72450	69600
Median	0	0	0	0	42100	45000	45050	45500	49350	51850	55350	58100	61300	62550	65050	64300	66100	65100	61000
Lower Quartile	0	0	0	0	35900	39500	40500	40350	45500	46450	50150	50650	52450	54600	58050	57950	58950	58050	52150
Lower Decile	0	0	0	0	33800	36650	38250	35800	42150	41450	44500	44600	46000	48700	50150	50050	52100	50150	45000
Mean	0	0	0	0	44350	46200	46550	45200	50300	52700	56250	58350	61850	63250	65900	65400	67200	65950	61550
---------- Supporting Data ----------																			
Total Number	5	2	10	14	27	36	49	58	100	294	313	295	369	383	346	412	459	699	3871
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	6	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2

SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33250	35000	36750	38600	40400	42250	44100	45950	47750	51250	55950	59800	62600	64450	65400	65750	65700	64950	58050
Upper Quartile	32000	33500	35050	36550	38100	39650	41200	42700	44150	47000	50750	53800	56100	57650	58550	58950	59000	58650	50500
Median	30600	31850	33100	34350	35600	36800	38050	39200	40400	42600	45550	48000	49950	51300	52200	52750	53050	53200	41600
Lower Quartile	29400	30300	31250	32150	33050	33950	34850	35700	36550	38150	40300	42100	43600	44800	45700	46300	46750	47300	35050
Lower Decile	28550	28950	29450	30000	30600	31200	31850	32500	33150	34450	36300	37800	39000	39850	40400	40750	40900	41000	31250
Mean	30750	31950	33200	34450	35700	36950	38150	39350	40500	42750	45700	48200	50150	51550	52500	53100	53400	53550	43400
Raw (Unsmoothed) Statistics																			
Upper Decile	32450	34800	36500	38650	40600	43150	44450	46300	49000	51500	56000	57650	60350	63350	65650	65050	66100	66250	58050
Upper Quartile	31400	32950	34700	36650	38500	40300	41800	43300	45500	46900	50150	52300	54550	57000	58350	58650	59250	59700	50500
Median	30300	31300	32800	34250	35850	37250	38750	39950	41800	42650	44250	46050	49350	51400	52450	53150	53200	53550	41600
Lower Quartile	28900	29950	31000	32250	33200	34250	35350	36300	37600	38350	39250	41100	43000	44100	44950	47500	47100	47550	35050
Lower Decile	28050	28400	29450	30450	31000	31650	32250	32850	33400	34000	34400	36450	38600	39400	41050	41950	41800	41600	31250
Mean	30350	31550	33000	34500	35900	37350	38600	39850	41600	42750	45000	46850	49250	51250	52650	53450	53650	53900	43400
Supporting Data																			
Total Number	836	892	1264	1595	1620	1405	1343	1097	1085	2205	1449	1192	1366	1119	1117	1286	1323	2217	24411
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	3	4	2	1	3	2	1	3	2	0	1	0	1	0	0	0	1	26

1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32650	34450	36350	38250	40250	42250	44250	46250	48250	52150	57550	62000	65400	67600	68850	69300	69250	68450	60300
Upper Quartile	31750	33250	34800	36400	38000	39600	41200	42800	44350	47350	51450	54900	57550	59400	60500	61100	61350	61200	51300
Median	30450	31700	32950	34200	35450	36700	37950	39150	40350	42650	45700	48350	50400	51950	53000	53700	54050	54350	41500
Lower Quartile	29300	30200	31100	32000	32900	33800	34650	35500	36350	37950	40150	42050	43600	44900	45900	46650	47200	47950	34700
Lower Decile	28700	28850	29200	29700	30300	30950	31650	32400	33150	34650	36600	38100	39150	39850	40200	40350	40450	40500	31050
Mean	30500	31750	33050	34300	35600	36900	38150	39400	40650	43000	46200	48950	51150	52750	53900	54600	55050	55400	44000
Raw (Unsmoothed) Statistics																			
Upper Decile	32200	34200	36000	38400	40500	43000	44150	46450	49800	52350	57950	59450	63950	66350	68600	67750	70450	69500	60300
Upper Quartile	31350	32750	34400	36500	38400	40200	41600	43200	45900	47400	51550	52700	55650	58700	59900	60850	62250	62000	51300
Median	30250	31200	32650	34150	35700	37150	38550	39650	41850	42700	44600	46200	49950	52300	52700	53800	54700	54600	41500
Lower Quartile	28900	29800	30850	32200	33000	34100	35100	36000	37300	38200	39150	40900	43150	44500	44800	47650	47700	48150	34700
Lower Decile	28050	28350	29300	30350	30900	31500	32100	32550	33250	33550	34150	36100	38300	39050	40800	41900	42050	41950	31050
Mean	30350	31350	32750	34350	35750	37250	38450	39700	41850	43100	45800	47250	50450	52550	53600	54800	55800	55550	44000
Supporting Data																			
Total Number	823	847	1180	1484	1499	1275	1176	956	943	1952	1286	1004	1172	988	942	1192	1284	2253	22256
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	9
Less Than $22000	2	3	4	2	1	3	2	0	1	2	0	1	0	2	0	0	1	1	25

1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51500	53450	55400	57300	59150	62750	67600	71700	74850	77150	78700	79600	80050	80200	76050
Upper Quartile	0	0	0	0	45400	47200	48950	50650	52350	55600	60000	63700	66550	68600	69950	70700	71050	71100	67450
Median	0	0	0	0	41200	42700	44150	45600	47050	49800	53500	56650	59200	61050	62400	63200	63700	64100	58900
Lower Quartile	0	0	0	0	37800	38950	40100	41250	42350	44450	47350	49800	51900	53500	54750	55600	56200	56950	50150
Lower Decile	0	0	0	0	34050	35150	36250	37350	39550	43100	45600	46350	46500	46500	46550	46550	46550	46550	43100
Mean	0	0	0	0	42600	44050	45450	46800	48150	50750	54300	57250	59700	61550	62850	63750	64300	64850	59550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	60800	54100	55850	52850	58550	62400	68400	71150	76500	75200	79700	78950	82600	79100	76050
Upper Quartile	0	0	0	0	43500	47750	49750	50150	52900	55800	59800	62450	68100	67200	71050	70250	71650	70900	67450
Median	0	0	0	0	38000	43100	43450	44500	49100	50450	53750	55400	59550	60000	62550	62900	64600	64000	58900
Lower Quartile	0	0	0	0	34750	38200	39900	39950	45250	45100	47700	48300	50800	53000	55900	56050	57250	56400	50150
Lower Decile	0	0	0	0	33200	36350	38050	35400	41850	40300	42950	42250	44400	45800	48150	47850	49050	48950	43100
Mean	0	0	0	0	42050	43800	45600	44800	50000	50950	54800	55950	59900	60600	63750	63700	65200	64500	59550
Supporting Data																			
Total Number	5	0	7	10	18	29	41	54	82	226	215	189	250	252	218	269	335	529	2729
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	5	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2

1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32900	34600	36350	38150	39950	41750	43550	45350	47100	50450	54900	58500	61000	62550	63300	63450	63200	62250	55800
Upper Quartile	31900	33350	34850	36300	37800	39300	40750	42200	43650	46300	49900	52800	54950	56400	57250	57650	57700	57400	48050
Median	30600	31800	32950	34150	35300	36500	37650	38750	39850	41900	44700	47000	48850	50150	51100	51650	51950	52200	39950
Lower Quartile	29350	30250	31100	31950	32800	33650	34450	35250	36000	37500	39450	41200	42600	43700	44550	45200	45650	46250	33950
Lower Decile	28600	28900	29350	29800	30350	30950	31550	32150	32800	34000	35750	37150	38250	39000	39450	39700	39850	39950	30800
Mean	30650	31850	33000	34200	35400	36550	37700	38850	39900	42000	44800	47100	48950	50250	51200	51750	52050	52250	41800
Raw (Unsmoothed) Statistics																			
Upper Decile	32100	34200	35950	38300	40450	42800	43850	45950	48700	50700	54950	55200	58200	61100	62000	63150	63750	64000	55800
Upper Quartile	31350	32750	34400	36450	38350	40050	41350	42950	45050	46250	49100	50550	53450	55600	56050	57550	58150	58650	48050
Median	30250	31200	32600	34100	35700	37050	38400	39400	41300	42050	43200	44650	47750	50550	50600	52200	52250	52750	39950
Lower Quartile	28900	29800	30850	32150	33000	34050	35000	35800	36750	37700	38250	39900	42300	43000	43350	46150	46000	46700	33950
Lower Decile	28050	28350	29300	30350	30900	31450	32050	32450	32950	33150	33650	35250	37350	38350	39750	41350	41350	41000	30800
Mean	30250	31350	32700	34300	35700	37050	38200	39400	41100	42050	43950	45250	47900	49800	50500	52250	52500	52850	41800
Supporting Data																			
Total Number	818	847	1173	1474	1481	1246	1135	902	861	1726	1071	815	922	736	724	923	949	1724	19527
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	3	4	2	1	3	2	0	1	2	0	1	0	1	0	0	0	1	23

1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41250	43050	44950	46800	48650	50550	52400	56000	61100	65550	69200	72000	74000	75300	76100	76800	69700
Upper Quartile	0	0	37550	39150	40750	42400	44050	45700	47300	50450	54800	58600	61700	64100	65800	66900	67600	68200	59850
Median	0	0	35550	36850	38100	39400	40650	41900	43100	45450	48700	51500	53800	55650	57000	58000	58650	59400	50950
Lower Quartile	0	0	33750	34700	35650	36600	37500	38400	39300	41050	43450	45550	47400	48950	50150	51150	51850	52900	42600
Lower Decile	0	0	32500	33050	33600	34200	34800	35400	36050	37300	39150	40850	42350	43550	44500	45150	45550	45950	37300
Mean	0	0	36250	37550	38850	40100	41400	42650	43900	46300	49600	52500	54950	56850	58350	59400	60150	61000	52250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42550	43450	45400	46800	48450	48550	51400	55950	61950	66100	68400	73000	74700	74950	77450	75550	69700
Upper Quartile	0	0	37600	38750	40600	42950	43850	45000	47050	51150	55450	58700	60600	63250	66450	66600	67950	68400	59850
Median	0	0	35750	36350	37600	39300	40800	42050	43850	45600	48750	51750	52950	55150	57500	58000	58650	59600	50950
Lower Quartile	0	0	34150	33850	35400	35750	37650	39000	40350	41650	43200	44450	46650	48700	51250	52200	51750	52450	42600
Lower Decile	0	0	32550	31750	34050	33600	34800	36350	37400	37650	38800	39900	41800	42600	44300	46650	45550	46350	37300
Mean	0	0	37200	36900	38850	40000	41250	42100	44050	46650	49700	52500	54350	56600	59050	59750	60350	60650	52250
Supporting Data																			
Total Number	18	47	94	123	147	160	213	193	230	509	429	424	507	444	446	468	454	620	5526
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	64550	67600	71750	75300	78250	80600	82350	83650	84550	85650	81250
Upper Quartile	0	0	0	0	0	0	0	0	54950	58600	63650	67850	71200	73550	75100	76000	76400	76450	72900
Median	0	0	0	0	0	0	0	0	52300	54900	58500	61550	64000	65900	67300	68250	68850	69500	64350
Lower Quartile	0	0	0	0	0	0	0	0	48800	51000	53950	56400	58350	59850	60950	61700	62150	62650	57750
Lower Decile	0	0	0	0	0	0	0	0	44150	46850	52400	54500	55000	55100	55150	55150	55150	55150	51600
Mean	0	0	0	0	0	0	0	0	53400	56050	59600	62650	65150	67050	68400	69350	70000	70650	65750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	65200	67800	71100	74250	80100	81350	82200	82400	84050	86250	81250
Upper Quartile	0	0	0	0	0	0	0	0	52850	59950	63450	67400	70850	74250	74800	74700	79200	75750	72900
Median	0	0	0	0	0	0	0	0	50300	55900	58600	61400	63200	66450	68200	67000	69800	69400	64350
Lower Quartile	0	0	0	0	0	0	0	0	46250	52400	53950	56400	57000	60650	61400	61150	63000	62350	57750
Lower Decile	0	0	0	0	0	0	0	0	43550	48100	50850	50350	51450	54150	56000	55850	58600	58250	51600
Mean	0	0	0	0	0	0	0	0	51600	57150	59450	62200	65050	67450	68400	68350	71750	70250	65750
Supporting Data																			
Total Number	0	2	3	4	9	6	8	4	17	61	91	96	109	114	110	137	115	163	1049
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40750	42300	43850	45400	46900	48450	49950	52850	56950	60550	63600	66050	67900	69250	70200	71350	63200
Upper Quartile	0	0	37750	39150	40500	41900	43250	44600	45950	48500	51950	54950	57400	59300	60650	61600	62200	62850	55450
Median	0	0	35650	36800	37950	39100	40200	41300	42400	44450	47200	49600	51550	53050	54150	54950	55450	56050	47950
Lower Quartile	0	0	33950	34800	35650	36450	37300	38100	38850	40400	42450	44300	45900	47250	48350	49200	49900	50850	41300
Lower Decile	0	0	32400	32950	33500	34050	34650	35200	35800	36900	38500	39950	41150	42150	42900	43450	43750	44050	36450
Mean	0	0	36200	37300	38450	39550	40650	41700	42750	44800	47550	49950	52000	53600	54900	55800	56500	57350	49100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40950	41900	43200	45900	47150	47900	49850	53450	57500	60750	62750	64200	68900	69100	70900	71450	63200
Upper Quartile	0	0	37450	38200	40050	42450	43500	44750	46550	49250	51700	54700	56450	58250	61700	61200	62150	63400	55450
Median	0	0	35650	36200	37350	39100	40550	41900	43450	44600	46350	49450	51250	52550	54950	54950	55700	55950	47950
Lower Quartile	0	0	34100	33750	35300	35650	37500	38900	40050	41250	42050	43100	44900	46700	49500	50600	49600	50600	41300
Lower Decile	0	0	32500	31700	33950	33500	34700	36300	37050	37050	37800	38650	41200	41750	43000	44800	44000	43850	36450
Mean	0	0	36450	36500	38150	39400	40850	41950	43450	45200	47100	49650	51450	52900	56000	56200	56450	57200	49100
Supporting Data																			
Total Number	18	45	91	119	138	154	205	189	213	448	338	328	398	330	336	331	339	457	4477
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3

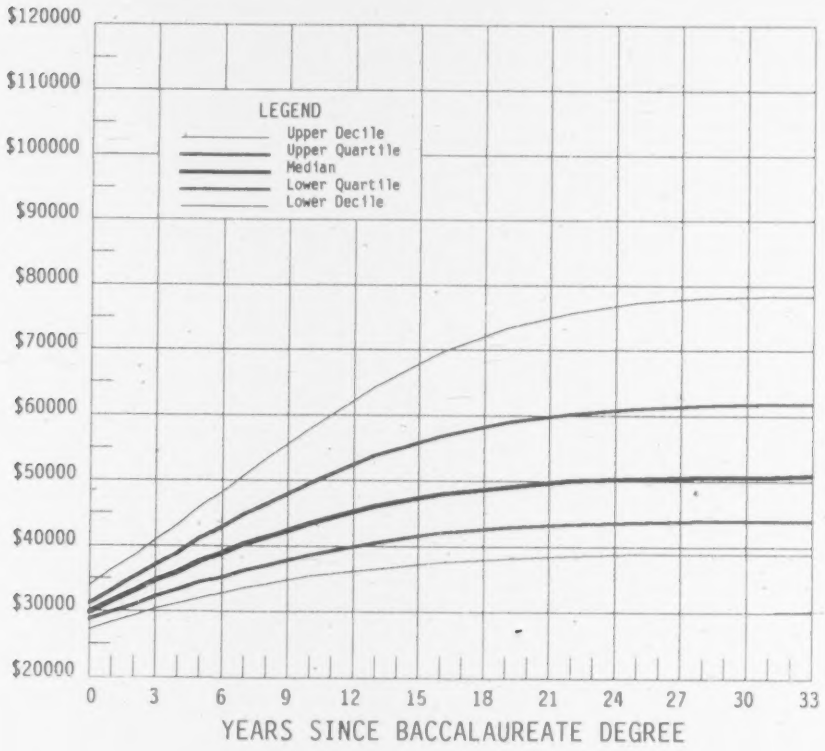
1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	59300	63800	69500	73800	76900	78950	80300	81150	81650	82100	77450
Upper Quartile	0	0	0	0	0	0	0	0	50300	54600	60500	65350	68850	71000	71950	72100	71700	70250	67400
Median	0	0	0	0	0	0	0	0	44950	48450	53200	57050	59950	61750	62700	63000	62850	62050	58400
Lower Quartile	0	0	0	0	0	0	0	0	40500	43250	47000	50050	52350	53850	54700	55050	55100	54650	50100
Lower Decile	0	0	0	0	0	0	0	0	38950	40500	42600	44450	46000	47250	48250	49000	49600	50300	43800
Mean	0	0	0	0	0	0	0	0	46750	49950	54350	58000	60750	62700	63850	64400	64600	64300	59750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	51200	72400	66650	69700	80500	80000	79500	80500	87000	78150	77450
Upper Quartile	0	0	0	0	0	0	0	0	46400	56650	61850	64150	67000	71700	72900	71000	72000	70250	67400
Median	0	0	0	0	0	0	0	0	44600	47750	55250	56200	58500	63600	63250	60000	62000	63500	58400
Lower Quartile	0	0	0	0	0	0	0	0	41000	42500	48300	48800	53000	54900	54250	55600	52400	56400	50100
Lower Decile	0	0	0	0	0	0	0	0	39200	39700	44350	44550	42950	48500	49700	49400	47400	50800	43800
Mean	0	0	0	0	0	0	0	0	44500	51150	55250	56300	60250	64650	63950	62850	63500	65350	59750
Supporting Data																			
Total Number	0	0	0	2	1	6	3	6	12	38	47	59	56	70	75	38	44	43	500
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	51150	56250	63350	69100	73150	75400	76100	75800	74850	72350	71500
Upper Quartile	0	0	0	0	0	0	0	0	48150	51900	57050	61300	64450	66500	67550	67900	67750	66900	64200
Median	0	0	0	0	0	0	0	0	43600	46750	51000	54500	57150	58900	59900	60350	60450	60000	55950
Lower Quartile	0	0	0	0	0	0	0	0	40750	42850	45750	48200	50150	51650	52700	53400	53850	54300	48300
Lower Decile	0	0	0	0	0	0	0	0	39000	40300	42100	43650	45000	46100	47000	47750	48300	49100	42850
Mean	0	0	0	0	0	0	0	0	44650	47750	51900	55350	57900	59600	60550	60950	61000	60550	56650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	46950	57800	65600	66750	76800	75700	74200	73600	71350	77100	71500
Upper Quartile	0	0	0	0	0	0	0	0	45950	51350	61350	59550	62750	68600	67300	66000	65800	69350	64200
Median	0	0	0	0	0	0	0	0	44300	45500	52600	54100	56000	61650	59000	59000	58500	62000	55950
Lower Quartile	0	0	0	0	0	0	0	0	40750	41750	47750	47850	49250	52100	52700	54500	51050	56000	48300
Lower Decile	0	0	0	0	0	0	0	0	39100	39250	44000	43900	42200	47200	48600	47600	45500	50450	42850
Mean	0	0	0	0	0	0	0	0	43850	47000	54350	54350	57100	61350	59950	60300	58750	62650	56650
Supporting Data																			
Total Number	0	0	0	2	1	5	3	6	11	31	40	49	46	53	57	32	35	36	407
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

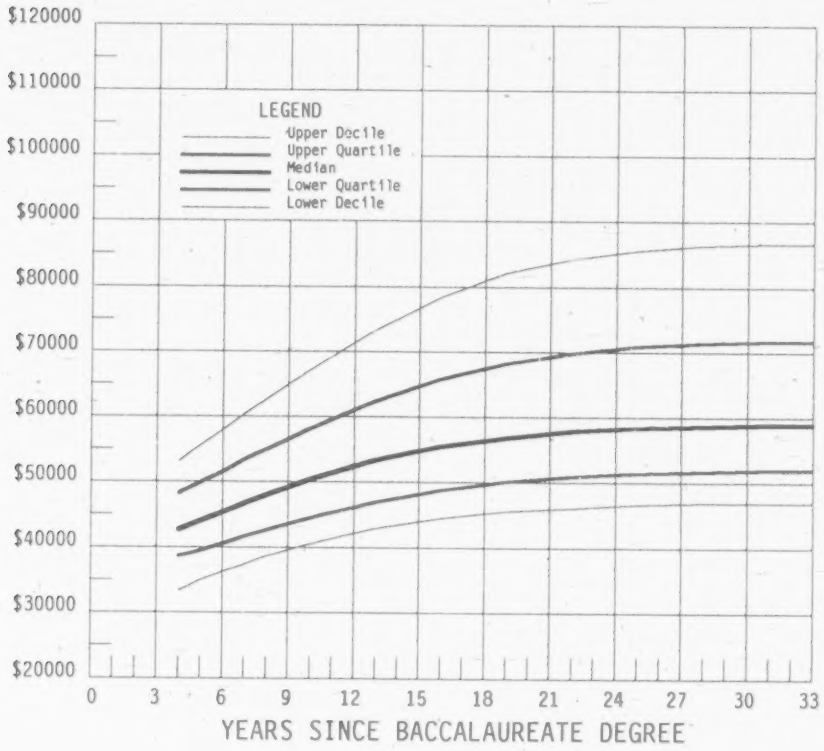
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	33850	36150	38450	40850	43300	45800	48300	50800	53250	58000	64400	69500	73300	75750	77250	78050	78400	78550	63400
Upper Quartile	31100	33100	35100	37050	39050	41000	42900	44700	46450	49700	53800	56850	59000	60350	61150	61550	61750	61850	51000
Median	29900	31500	33100	34600	36100	37550	38900	40150	41350	43500	46100	47950	49200	50000	50450	50700	50800	50850	42400
Lower Quartile	28700	29900	31050	32200	33300	34300	35300	36250	37150	38700	40600	42000	42900	43500	43850	44000	44100	44150	35850
Lower Decile	27250	28300	29350	30300	31200	32000	32800	33500	34200	35350	36650	37600	38200	38600	38800	38900	38950	39000	31700
Mean	30900	32350	33850	35350	36850	38350	39800	41250	42650	45250	48650	51250	53100	54300	55000	55400	55550	55650	45550
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	32850	36950	38750	42850	42750	46400	47550	47350	51950	59000	65850	69000	73550	79600	79100	75850	78500	74100	63400
Upper Quartile	31550	32150	35250	37650	39050	40550	42450	43050	47300	50450	55450	55150	59250	60550	59950	59850	64650	60950	51000
Median	30600	30800	33000	34750	35900	36500	39050	39450	42600	44050	47200	47250	48700	51250	47800	51250	52200	50150	42400
Lower Quartile	29200	29350	30850	32550	33350	33500	34600	36350	38750	38750	41000	41450	43150	43600	42300	44850	44600	44100	35850
Lower Decile	27350	28300	29000	30350	31700	31300	32500	34350	34050	35800	36100	37150	37850	39100	38800	39150	38700	39750	31700
Mean	31300	31900	33950	35550	36700	37950	39150	40250	43450	46050	49650	50450	52650	55150	54150	54400	56300	55250	45550
---------- Supporting Data ----------																			
Total Number	90	85	105	134	138	126	114	127	121	281	231	207	170	128	128	96	109	116	2506
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

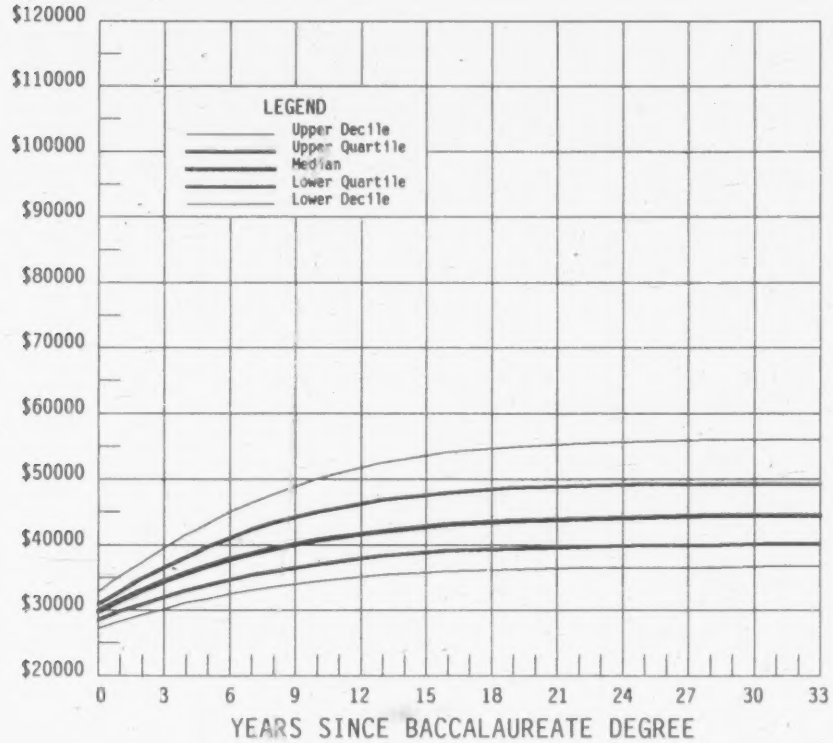
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	53050	55400	57800	60200	62600	67200	73450	78450	82050	84350	85700	86400	86700	86800	77700
Upper Quartile	0	0	0	0	48300	49900	51550	53200	54850	58050	62400	65850	68350	70000	71000	71500	71750	71900	64700
Median	0	0	0	0	42550	44000	45350	46700	47950	50300	53200	55400	56900	57850	58450	58700	58850	58900	54000
Lower Quartile	0	0	0	0	38550	39550	40600	41600	42600	44500	46900	48800	50150	51000	51500	51750	51900	51950	47100
Lower Decile	0	0	0	0	33400	34850	36150	37400	38550	40550	42900	44500	45600	46250	46650	46850	46900	46950	42350
Mean	0	0	0	0	43050	44600	46200	47700	49250	52150	55950	59000	61150	62550	63400	63850	64050	64150	57600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	57600	58200	53050	53200	58850	73000	73300	76250	80050	87150	95700	83150	86050	81350	77700
Upper Quartile	0	0	0	0	48500	53400	50800	50900	52050	59100	63850	64500	68100	71800	74400	66650	72250	70450	64700
Median	0	0	0	0	42300	46200	44700	43400	48000	51200	54850	53450	55150	55900	60250	58450	63250	58400	54000
Lower Quartile	0	0	0	0	38500	42600	38550	37200	44150	45350	48600	46150	48450	51600	52150	50400	55650	51750	47100
Lower Decile	0	0	0	0	34500	36350	33600	32550	41650	41150	44650	41900	44300	46250	46200	45350	50050	48650	42350
Mean	0	0	0	0	43900	46950	43950	43800	49300	53500	57450	57050	59000	62700	66000	60550	66800	65100	57600
Supporting Data																			
Total Number	3	2	8	10	13	16	17	24	40	103	106	86	100	69	55	45	59	51	806
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32800	35150	37400	39500	41500	43300	45000	46500	47850	50050	52450	54000	54950	55500	55800	55950	56050	56050	49500
Upper Quartile	30850	32900	34850	36650	38250	39750	41100	42300	43350	45100	46900	48050	48700	49050	49250	49350	49400	49400	43800
Median	29950	31550	33000	34350	35600	36750	37750	38650	39500	40800	42250	43200	43750	44100	44300	44400	44450	44450	38650
Lower Quartile	28650	29850	31000	32100	33050	33950	34750	35450	36100	37150	38300	39100	39550	39850	40000	40100	40150	40150	34000
Lower Decile	27100	28250	29300	30250	31100	31850	32550	33100	33650	34500	35400	35950	36300	36500	36600	36650	36700	36700	30750
Mean	30300	31850	33300	34650	35950	37150	38200	39200	40150	41700	43450	44650	45400	45900	46150	46300	46350	46400	39800
Raw (Unsmoothed) Statistics																			
Upper Decile	32000	36050	37250	40850	40950	44100	44700	44800	47300	49800	52750	55150	53000	58300	53500	56650	52100	61200	49500
Upper Quartile	31450	31950	34800	37050	36050	39100	41650	42050	44150	45250	47050	49600	46150	49050	47450	52300	48300	49600	43800
Median	30550	30750	32750	34550	35600	35900	38650	39050	40200	40700	41700	43850	43050	43550	42950	46950	44100	44800	38650
Lower Quartile	29100	29300	30700	32450	33150	33150	34350	36250	37000	37400	37850	39000	38750	39600	40250	40800	39250	41000	34000
Lower Decile	27300	28300	28850	30250	31450	31000	32350	34450	33100	35100	34350	36150	36250	37050	35950	37750	34150	38400	30750
Mean	30550	31500	33100	35000	35900	36650	38300	39400	40600	41750	43000	45700	43650	46450	45250	49000	44000	47400	39800
Supporting Data																			
Total Number	87	83	98	124	124	111	97	103	81	178	125	121	70	60	73	51	50	64	1700
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32400	34650	36950	39300	41700	44050	46450	48800	51150	55550	61400	66000	69350	71500	72800	73500	73800	73950	60100
Upper Quartile	30800	32700	34600	36500	38400	40200	42000	43750	45450	48500	52400	55300	57350	58650	59400	59800	60000	60100	49150
Median	29750	31350	32950	34450	35900	37300	38600	39850	41000	43000	45400	47100	48250	48950	49350	49550	49650	49700	41250
Lower Quartile	28600	29800	31000	32150	33250	34300	35250	36150	37000	38500	40250	41550	42350	42900	43200	43350	43400	43450	35250
Lower Decile	27000	28200	29300	30350	31250	32150	32950	33650	34300	35350	36550	37350	37850	38150	38300	38400	38450	38450	31350
Mean	30300	31750	33250	34750	36250	37700	39150	40550	41900	44400	47550	49950	51650	52700	53350	53700	53850	53900	44050
Raw (Unsmoothed) Statistics																			
Upper Decile	32850	34450	36650	39500	40800	45450	45750	46400	51250	56750	65150	63400	70900	73450	71150	67350	72850	75200	60100
Upper Quartile	31550	31700	34750	36500	38000	39550	41950	42750	47200	49350	54000	52600	58300	58700	57650	58650	62100	59650	49150
Median	30600	30500	32750	34450	35550	36200	38900	39400	42550	43850	46100	46100	47000	51500	45800	50650	50450	49550	41250
Lower Quartile	29200	29100	30700	32550	33200	33450	34350	36350	38700	38900	40450	40700	42350	43050	41850	43500	44000	43800	35250
Lower Decile	27350	28200	28850	30100	31550	31550	32400	34500	34250	36150	36300	36700	37300	38850	37950	38500	38100	39250	31350
Mean	31300	30850	32900	34600	35900	37350	38700	40100	43250	45350	48750	48400	51300	54250	51700	52650	53550	54200	44050
Supporting Data																			
Total Number	90	74	97	113	120	110	106	116	113	236	191	162	135	98	90	79	89	97	2116
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	50900	54250	57500	60600	66150	72700	77000	79550	80900	81500	81750	81850	81850	74450
Upper Quartile	0	0	0	0	0	48250	50250	52100	53900	57200	61250	64250	66300	67600	68350	68750	68950	69000	62850
Median	0	0	0	0	0	42450	43900	45250	46600	49000	52000	54250	55850	56800	57400	57700	57850	57900	52700
Lower Quartile	0	0	0	0	0	37250	38900	40400	41800	44150	46800	48550	49650	50300	50650	50850	50900	50950	46400
Lower Decile	0	0	0	0	0	33750	35300	36700	38000	40250	42700	44350	45400	46050	46400	46550	46650	46700	41500
Mean	0	0	0	0	0	42650	44600	46450	48200	51300	55050	57750	59550	60700	61350	61700	61850	61900	55950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	55250	52400	53800	57850	69350	73800	74150	77400	86500	83150	77600	82500	81050	74450
Upper Quartile	0	0	0	0	0	50850	50400	49700	52050	58000	63200	62000	67000	64950	70350	65800	69600	71750	62850
Median	0	0	0	0	0	45350	40750	42050	48250	50000	53550	51050	53950	55850	59350	58000	61250	58250	52700
Lower Quartile	0	0	0	0	0	37800	38300	36550	44400	45100	47500	45600	47450	51850	53350	48900	53700	51450	46400
Lower Decile	0	0	0	0	0	36000	33450	32000	41600	40700	44150	40950	44100	47500	46100	44800	49050	48450	41500
Mean	0	0	0	0	0	45200	43100	42700	49200	52200	56550	54850	57700	62000	64150	58700	63050	63950	55950
Supporting Data																			
Total Number	3	0	5	7	8	13	15	21	36	84	84	61	79	53	35	37	46	41	626
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

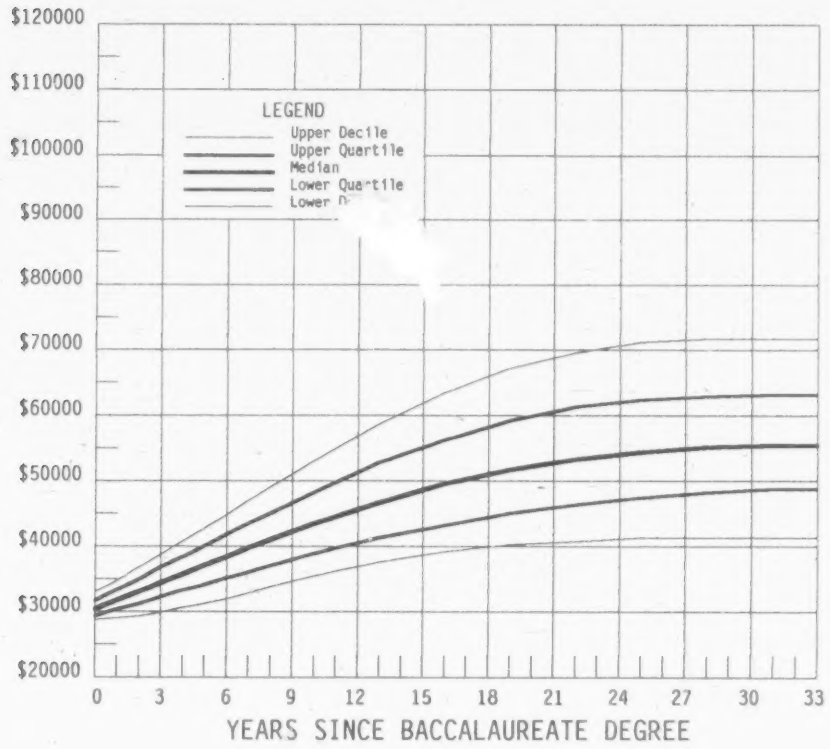
1989 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31950	34200	36400	38450	40350	42150	43750	45200	46500	48700	51050	52550	53500	54000	54300	54400	54450	54500	48100
Upper Quartile	30700	32700	34550	36300	37900	39350	40650	41800	42850	44550	46300	47400	48050	48350	48550	48600	48650	48650	43050
Median	29850	31450	32900	34250	35500	36650	37650	38550	39300	40600	42000	42850	43350	43650	43800	43900	43900	43950	38100
Lower Quartile	28500	29800	31000	32100	33100	34000	34800	35500	36100	37150	38250	38900	39300	39550	39650	39700	39750	39750	33600
Lower Decile	26950	28200	29250	30250	31100	31850	32550	33100	33600	34400	35200	35700	35950	36100	36150	36200	36200	36200	30550
Mean	29950	31500	33000	34400	35650	36850	37900	38900	39750	41250	42850	43900	44550	44950	45150	45250	45300	45350	39050
Raw (Unsmoothed) Statistics																			
Upper Decile	32000	34450	35900	38650	40450	41650	43750	44750	46850	49150	51700	54000	49650	55350	51400	54950	51000	59450	48100
Upper Quartile	31450	31700	34500	36100	37800	38450	41350	42050	44000	45150	46100	48650	45250	48750	45550	51950	46900	49500	43050
Median	30550	30500	32600	34350	35450	35700	38550	39100	40200	40800	41250	43350	42200	42750	42650	45750	43650	44750	38100
Lower Quartile	29100	29100	30600	32500	33100	33200	34150	36350	37050	37750	37950	38850	37900	39300	39900	40000	38900	40450	33600
Lower Decile	27300	28200	28800	29800	31400	31250	32300	34650	33150	35400	34350	35600	35850	36650	35500	37050	32950	38150	30550
Mean	30550	30850	32650	34350	35650	36350	37950	39550	40450	41600	42550	44450	42350	45250	43750	47450	43300	47100	39050
Supporting Data																			
Total Number	87	74	92	106	113	97	91	95	77	152	106	101	56	45	55	42	43	56	1490
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	48700	49950	51500	53250	55200	57350	61950	69000	75500	80700	84400	86700	87950	88500	88800	72950
Upper Quartile	0	0	0	44600	45950	47350	48850	50400	52000	55050	59350	62850	65450	67200	68250	68800	69050	69150	58850
Median	0	0	0	40300	41100	42000	42950	43900	44850	46700	49200	51150	52550	53400	53950	54200	54300	54350	48000
Lower Quartile	0	0	0	35600	35700	35800	35900	36350	36950	38500	41000	43400	45250	46550	47400	47800	48000	48100	41250
Lower Decile	0	0	0	31250	31350	31500	31700	32150	32700	34050	36300	38300	39900	40950	41650	42000	42150	42250	35400
Mean	0	0	0	40300	41150	42100	43150	44350	45550	48050	51700	54800	57100	58700	59650	60150	60400	60500	52000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	48100	52900	50350	0	51700	0	60700	68900	83600	79300	79800	95750	88650	93300	67700	72950
Upper Quartile	0	0	0	45500	45900	45950	0	49350	0	53450	62500	68050	58850	72100	58850	81400	78650	63050	58850
Median	0	0	0	40750	41600	41850	0	41100	0	44350	52850	55200	53750	48550	48900	57350	64000	49500	48000
Lower Quartile	0	0	0	36600	35750	34400	0	36400	0	36900	44100	44300	45800	44400	43250	50250	57350	43850	41250
Lower Decile	0	0	0	31050	32800	30300	0	30900	0	34700	35400	38700	42450	39700	39700	47250	40000	42150	35400
Mean	0	0	0	40650	42250	40850	0	41700	0	47100	53750	58300	56050	56250	56050	62950	70450	53300	52000
---------- Supporting Data ----------																			
Total Number	0	11	8	19	17	16	8	11	8	39	38	40	31	27	29	14	17	14	346
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

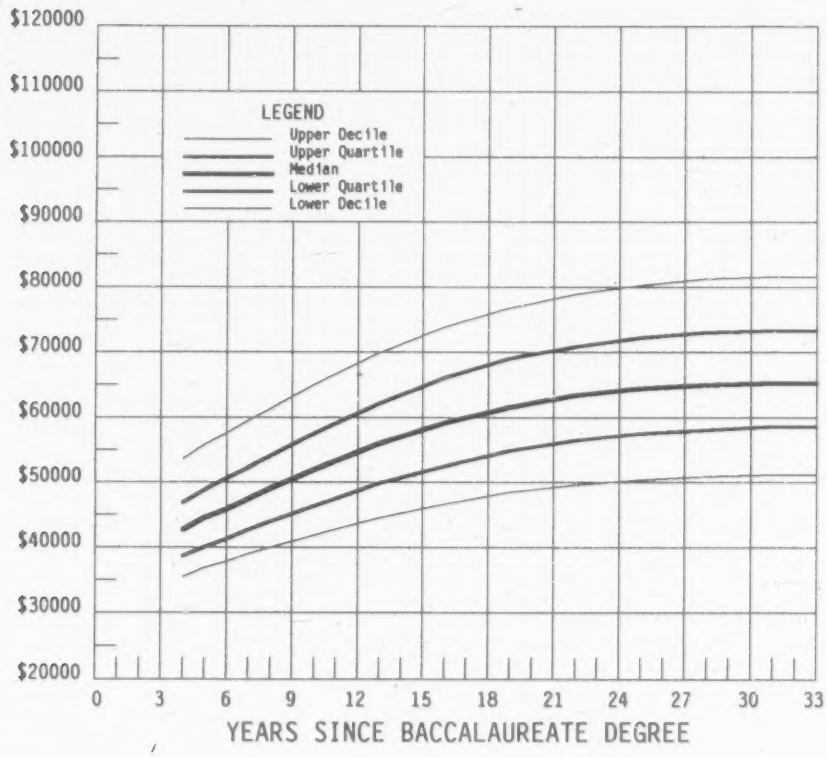
SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32950	34800	36750	38700	40750	42800	44850	46950	49050	53100	58750	63550	67250	69700	71150	71750	71800	71100	63100
Upper Quartile	31800	33400	35000	36700	38350	40050	41750	43450	45100	48350	52750	56400	59250	61200	62400	62950	63150	62850	53750
Median	30450	31800	33100	34450	35800	37100	38450	39750	41050	43500	46800	49600	51800	53400	54450	55100	55450	55600	43400
Lower Quartile	29300	30300	31300	32300	33250	34200	35200	36100	37050	38800	41200	43300	45000	46400	47450	48200	48750	49400	36050
Lower Decile	28800	28950	29350	29850	30550	31250	32100	32900	33750	35400	37550	39150	40250	40900	41250	41400	41450	41500	31700
Mean	30600	31900	33250	34650	36000	37350	38700	40050	41350	43900	47350	50300	52600	54300	55500	56200	56600	56850	45900
Raw (Unsmoothed) Statistics																			
Upper Decile	32600	34900	36500	38850	40650	43350	44950	46650	49800	53350	59350	62500	65750	68900	71750	71050	72500	71500	63100
Upper Quartile	31450	33000	34750	36750	38650	40500	42050	43500	46150	48500	52750	55150	57650	60900	62700	62600	63650	63350	53750
Median	30300	31350	32850	34350	35950	37450	38950	40300	42350	43450	45900	48400	51150	53550	54750	55100	55900	55700	43400
Lower Quartile	28950	30050	31050	32300	33300	34450	35600	36550	38250	39000	40400	42200	44000	46300	47450	49350	49000	49300	36050
Lower Decile	28100	28450	29550	30500	31100	31900	32400	33000	33850	34350	35100	37100	39600	40500	41800	42900	42900	42850	31700
Mean	30500	31650	33100	34600	36050	37600	38950	40150	42300	44050	46950	49250	51850	54300	55800	56450	57150	56800	45900
Supporting Data																			
Total Number	805	832	1208	1545	1577	1344	1316	1077	1107	2324	1624	1353	1611	1389	1366	1629	1674	2837	26618
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5
Less Than $22000	2	3	4	1	1	2	2	1	3	2	0	1	0	2	0	0	1	1	26

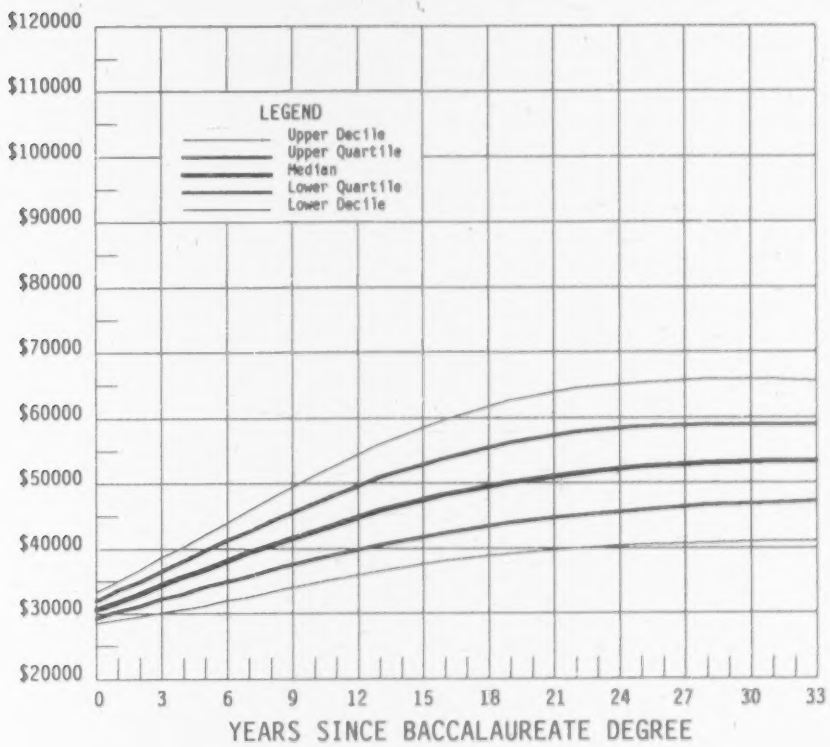
SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	53650	55650	57600	59550	61400	65000	69850	73800	76850	79050	80400	81200	81550	81550	78450
Upper Quartile	0	0	0	0	46900	48750	50600	52400	54200	57650	62250	66100	69000	71050	72350	73050	73300	73200	69900
Median	0	0	0	0	42800	44400	46000	47550	49100	52000	55950	59200	61700	63450	64550	65200	65450	65450	61600
Lower Quartile	0	0	0	0	38650	40000	41350	42700	44000	46500	49850	52650	54850	56450	57550	58200	58600	58800	53100
Lower Decile	0	0	0	0	35550	36700	37800	38900	39950	41950	44600	46800	48450	49650	50450	50950	51200	51350	45750
Mean	0	0	0	0	43650	45250	46800	48350	49850	52700	56550	59750	62200	64000	65150	65800	66150	66250	61950
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	58400	56000	60000	53450	59850	66100	69450	73100	78500	78000	81100	80100	83450	80900	78450
Upper Quartile	0	0	0	0	48000	49700	51500	51150	52750	58300	61950	64850	69750	70400	73550	73050	74500	72450	69900
Median	0	0	0	0	41750	45200	45800	47200	49450	52350	55700	58750	62100	62900	65300	64500	66300	65250	61600
Lower Quartile	0	0	0	0	36000	39100	41000	41600	46050	47250	50650	52000	53600	55250	58800	58400	59300	58550	53100
Lower Decile	0	0	0	0	33600	36500	38750	38350	42550	41750	44450	46500	47200	50150	51050	50650	52900	50600	45750
Mean	0	0	0	0	43200	45500	47350	46300	50500	53300	56350	59050	62400	63300	65800	65750	67100	65850	61950
---------- Supporting Data ----------																			
Total Number	5	2	8	12	24	30	40	47	82	254	267	249	309	340	305	385	416	664	3439
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2

SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	33250	34950	36750	38550	40400	42250	44100	45950	47750	51250	55950	59800	62650	64500	65450	65800	65750	65000	58200
Upper Quartile	32000	33500	35050	36600	38150	39700	41250	42750	44250	47050	50850	53950	56200	57750	58600	59000	59050	58700	50750
Median	30600	31850	33150	34400	35650	36900	38150	39350	40550	42800	45800	48250	50200	51550	52450	52950	53200	53300	41750
Lower Quartile	29400	30350	31300	32250	33150	34100	35000	35850	36700	38300	40500	42350	43900	45100	45950	46600	47050	47550	35100
Lower Decile	28650	29000	29500	30000	30600	31250	31950	32600	33300	34650	36550	38100	39250	40050	40550	40800	40950	41000	31300
Mean	30750	32000	33250	34500	35750	37000	38250	39450	40600	42850	45850	48350	50300	51700	52650	53250	53550	53700	43550
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	32500	34800	36450	38650	40600	43100	44400	46200	48900	51550	56050	57850	60400	63400	65900	65050	65950	66300	58200
Upper Quartile	31400	33000	34700	36700	38550	40350	41850	43300	45500	47000	50200	52550	54650	57050	58550	58750	59250	59700	50750
Median	30300	31350	32850	34300	35900	37400	38850	40100	41900	42800	44450	46450	49600	51600	52750	53250	53350	53650	41750
Lower Quartile	28950	30050	31050	32300	33250	34400	35500	36450	37900	38550	39350	41400	43100	44400	45450	47750	47450	47750	35100
Lower Decile	28100	28450	29550	30500	31050	31800	32350	32900	33600	34000	36550	36450	38700	39550	41250	42150	42100	41750	31300
Mean	30400	31600	33000	34550	35950	37450	38700	39900	41650	42900	45100	47050	49350	51400	52950	53600	53850	54000	43550
---------- Supporting Data ----------																			
Total Number	800	830	1200	1533	1553	1314	1276	1030	1025	2070	1357	1104	1302	1049	1061	1244	1258	2173	23179
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	3	4	1	1	2	2	1	3	2	0	1	0	1	0	0	0	1	24

1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32650	34450	36350	38300	40250	42250	44250	46250	48250	52150	57500	61950	65300	67550	68750	69200	69150	68350	60400
Upper Quartile	31750	33300	34900	36450	38050	39700	41300	42850	44450	47450	51550	55000	57650	59450	60600	61200	61400	61200	51450
Median	30450	31700	33000	34250	35500	36800	38050	39250	40450	42750	45900	48500	50600	52100	53200	53850	54200	54450	41550
Lower Quartile	29350	30250	31150	32100	33000	33900	34750	35600	36450	38100	40300	42200	43800	45100	46150	46900	47450	48150	34700
Lower Decile	28800	28900	29250	29700	30350	31050	31750	32550	33350	34850	36850	38300	39300	39900	40250	40400	40450	40450	31100
Mean	30500	31800	33050	34350	35650	36950	38200	39500	40700	43100	46300	49050	51200	52850	53950	54650	55100	55400	44050
Raw (Unsmoothed) Statistics																			
Upper Decile	32250	34200	35950	38450	40450	43050	44150	46450	49600	52350	58000	59500	63700	66450	68200	67850	70250	69400	60400
Upper Quartile	31400	32850	34450	36550	38450	40250	41650	43250	45900	47500	51650	52950	55700	58900	59900	60900	62250	62000	51450
Median	30250	31250	32650	34200	35750	37250	38650	39800	41950	42750	44750	46550	50100	52500	52800	53950	54800	54700	41550
Lower Quartile	28900	29950	30900	32200	33100	34250	35200	36100	37500	38300	39200	41200	43200	44750	45100	47900	48000	48300	34700
Lower Decile	28100	28400	29400	30400	30950	31650	32150	32550	33350	33550	34200	36050	38400	39050	41000	42150	42250	42050	31100
Mean	30400	31400	32750	34400	35800	37350	38500	39800	41900	43150	45850	47450	50400	52650	53600	54950	55850	55550	44050
Supporting Data																			
Total Number	788	792	1121	1431	1437	1192	1111	889	879	1829	1200	918	1093	917	882	1148	1200	2193	21020
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5
Less Than $22000	2	3	4	1	1	2	2	0	1	2	0	1	0	2	0	0	1	1	23

1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50550	52600	54650	56650	58650	62450	67600	71850	75100	77400	78850	79600	79900	79750	76200
Upper Quartile	0	0	0	0	45750	47500	49250	51000	52700	55900	60300	63950	66800	68800	70100	70800	71150	71150	67700
Median	0	0	0	0	41450	43000	44500	46000	47500	50300	54150	57350	59850	61650	62850	63600	63950	64100	59600
Lower Quartile	0	0	0	0	38100	39300	40500	41650	42800	45000	48000	50550	52600	54200	55350	56150	56650	57200	50900
Lower Decile	0	0	0	0	36150	37000	37800	38600	39350	40800	42750	44350	45700	46800	47600	48250	48650	49250	43550
Mean	0	0	0	0	42700	44150	45600	47050	48450	51100	54700	57700	60100	61900	63100	63900	64350	64700	59950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	48500	54500	55550	54050	58650	63250	67750	71350	75300	75350	79800	79150	82350	79000	76200
Upper Quartile	0	0	0	0	42250	48750	50550	50850	52600	56600	59800	62450	68150	67400	71400	70800	71600	70850	67700
Median	0	0	0	0	37500	43500	43800	45900	49100	50900	54250	56400	60500	60500	62750	63000	64900	64100	59600
Lower Quartile	0	0	0	0	34500	38200	40350	41250	45600	45550	48400	49050	51650	53550	56150	56450	57800	56750	50900
Lower Decile	0	0	0	0	33000	36250	38500	38150	42250	40500	42900	44250	44650	46650	48350	48600	48850	49050	43550
Mean	0	0	0	0	39650	44100	46400	45900	50050	51500	54900	56550	60300	60750	63600	64100	65300	64350	59950
Supporting Data																			
Total Number	5	0	5	8	15	25	33	43	67	195	190	160	209	224	195	249	301	504	2428
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2

1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32900	34600	36400	38150	39950	41800	43600	45400	47150	50500	55000	58550	61100	62650	63400	63550	63350	62400	55950
Upper Quartile	31950	33400	34900	36400	37900	39400	40850	42300	43750	46450	50050	52950	55150	56600	57400	57800	57850	57550	48400
Median	30600	31800	33000	34200	35400	36600	37750	38900	40000	42100	44950	47300	49100	50450	51350	51900	52200	52350	40100
Lower Quartile	29400	30300	31150	32050	32900	33750	34550	35350	36150	37650	39700	41400	42850	44000	44900	45550	46000	46600	34000
Lower Decile	28650	28950	29350	29850	30400	30950	31600	32250	32900	34200	35950	37350	38450	39150	39600	39850	39950	40000	30850
Mean	30700	31850	33050	34250	35450	36650	37800	38950	40050	42150	45000	47300	49150	50500	51400	51950	52250	52450	41950
Raw (Unsmoothed) Statistics																			
Upper Decile	32150	34200	35950	38350	40450	42850	43850	45900	48650	50750	55050	55400	58400	61400	62100	63250	63700	64050	55950
Upper Quartile	31350	32850	34400	36550	38450	40150	41450	43000	45100	46350	49200	50850	53600	55700	56300	57700	58200	58750	48400
Median	30250	31250	32650	34200	35750	37200	38500	39550	41500	42150	43400	45000	48100	50800	50900	52400	52500	52850	40100
Lower Quartile	28900	29950	30900	32200	33050	34200	35100	35950	37000	37850	38350	40300	42450	43250	43600	46550	46550	46950	34000
Lower Decile	28050	28400	29400	30400	30900	31550	32050	32450	33100	33200	33750	35250	37550	38400	40000	41600	41650	41100	30850
Mean	30300	31400	32750	34350	35750	37200	38300	39450	41200	42150	44150	45550	48100	50000	50750	52450	52700	52950	41950
Supporting Data																			
Total Number	783	792	1116	1423	1422	1167	1078	846	812	1634	1010	758	884	693	687	899	899	1689	18592
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	3	4	1	1	2	2	0	1	2	0	1	0	1	0	0	0	1	21

1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41100	42900	44700	46550	48400	50250	52100	55700	60700	65150	68850	71700	73800	75200	76050	76900	69800
Upper Quartile	0	0	37350	39000	40600	42250	43900	45550	47150	50300	54700	58550	61700	64100	65800	66900	67600	68200	59950
Median	0	0	35500	36800	38050	39350	40600	41850	43100	45450	48700	51550	53900	55700	57100	58050	58700	59450	51150
Lower Quartile	0	0	33750	34700	35700	36650	37600	38550	39450	41200	43650	45800	47650	49200	50400	51350	52050	53000	42700
Lower Decile	0	0	32650	33200	33800	34400	35000	35650	36300	37650	39550	41300	42750	43900	44750	45350	45700	45950	37450
Mean	0	0	36150	37450	38750	40050	41350	42600	43850	46250	49600	52550	54950	56900	58350	59400	60150	61000	52350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43000	43350	45850	45800	47950	47750	51000	55800	61450	65850	68350	72750	74650	74900	77100	75600	69800
Upper Quartile	0	0	37600	38550	40650	42400	43700	44650	46950	51300	55200	58750	60550	63150	66650	66600	67650	68550	59950
Median	0	0	35750	36300	37550	39100	40750	41950	43750	45950	48450	52050	52750	55200	57850	58100	58500	59700	51150
Lower Quartile	0	0	34150	33900	35450	35800	37800	39050	40350	41900	43250	45000	46600	49050	51900	52350	51650	52650	42700
Lower Decile	0	0	32600	32050	34100	33900	34950	36500	37500	38350	39000	40300	41750	42700	44750	46850	45600	46750	37450
Mean	0	0	37300	36900	38900	39500	41150	41950	43950	46900	49500	52650	54250	56650	59300	59800	60000	60700	52350
Supporting Data																			
Total Number	17	40	87	113	139	146	202	182	217	466	388	387	470	411	419	450	436	605	5175
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	68000	68050	76750	80450	81350	81550	81550	81550	81550	81550	81200
Upper Quartile	0	0	0	0	0	0	0	0	55700	59250	64050	68100	71300	73550	75050	75900	76300	76400	73250
Median	0	0	0	0	0	0	0	0	52550	55250	58900	62000	64450	66300	67650	68550	69100	69650	65050
Lower Quartile	0	0	0	0	0	0	0	0	49300	51700	54850	57400	59400	60800	61700	62250	62550	62700	58750
Lower Decile	0	0	0	0	0	0	0	0	45300	48900	53950	55700	56150	56200	56250	56250	56250	56250	53000
Mean	0	0	0	0	0	0	0	0	54300	56900	60450	63400	65750	67500	68750	69550	70050	70500	66300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	66400	71200	71100	74600	81100	80800	81450	81950	83600	86100	81200
Upper Quartile	0	0	0	0	0	0	0	0	54500	60000	63800	67900	71450	73750	74850	74600	78850	75850	73250
Median	0	0	0	0	0	0	0	0	50750	56000	59000	61900	63900	66600	68800	67200	69650	69750	65050
Lower Quartile	0	0	0	0	0	0	0	0	47500	53000	54350	57250	58800	61100	62850	61550	62850	62600	58750
Lower Decile	0	0	0	0	0	0	0	0	44600	50400	51350	53050	52450	55250	57650	56400	58350	59200	53000
Mean	0	0	0	0	0	0	0	0	52700	58000	59900	63200	66000	67800	69000	68500	70900	70450	66300
Supporting Data																			
Total Number	0	2	3	4	9	4	7	4	14	52	71	81	91	102	97	131	107	156	935
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40500	42050	43600	45150	46700	48200	49750	52700	56800	60450	63550	66050	67950	69350	70300	71500	63250
Upper Quartile	0	0	37550	38950	40350	41750	43150	44500	45850	48450	51950	54950	57400	59300	60650	61600	62150	62750	55550
Median	0	0	35550	36750	37950	39100	40250	41400	42500	44600	47400	49850	51750	53250	54350	55050	55550	56050	48250
Lower Quartile	0	0	33900	34800	35650	36550	37350	38200	39000	40550	42700	44600	46200	47500	48600	49450	50050	50950	41500
Lower Decile	0	0	32400	33100	33750	34400	35050	35650	36250	37400	38900	40250	41350	42300	43000	43600	44000	44600	36650
Mean	0	0	36100	37250	38400	39500	40600	41700	42800	44850	47650	50100	52150	53750	55000	55950	56600	57400	49300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41350	41550	43300	45100	46800	47050	49600	53500	57550	60800	62700	64000	69300	68950	70850	71600	63250
Upper Quartile	0	0	37400	38000	40050	42000	43400	44350	46450	49450	51650	54900	56250	58100	62050	61100	61950	63400	55550
Median	0	0	35650	36150	37300	39000	40550	41850	43350	44950	46450	50050	51250	52650	55250	54950	55700	56050	48250
Lower Quartile	0	0	34050	33800	35300	35700	37650	38950	40050	41500	42300	43400	44950	47000	50100	50750	49550	50800	41500
Lower Decile	0	0	32550	32000	34050	33850	34900	36450	37200	38050	38200	39050	41250	41900	43500	44850	44100	44150	36650
Mean	0	0	36450	36450	38200	39200	40800	41750	43350	45500	47200	49900	51400	52950	56350	56250	56450	57350	49300
Supporting Data																			
Total Number	17	38	84	109	130	142	195	178	203	414	317	306	379	309	322	319	329	449	4240
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3

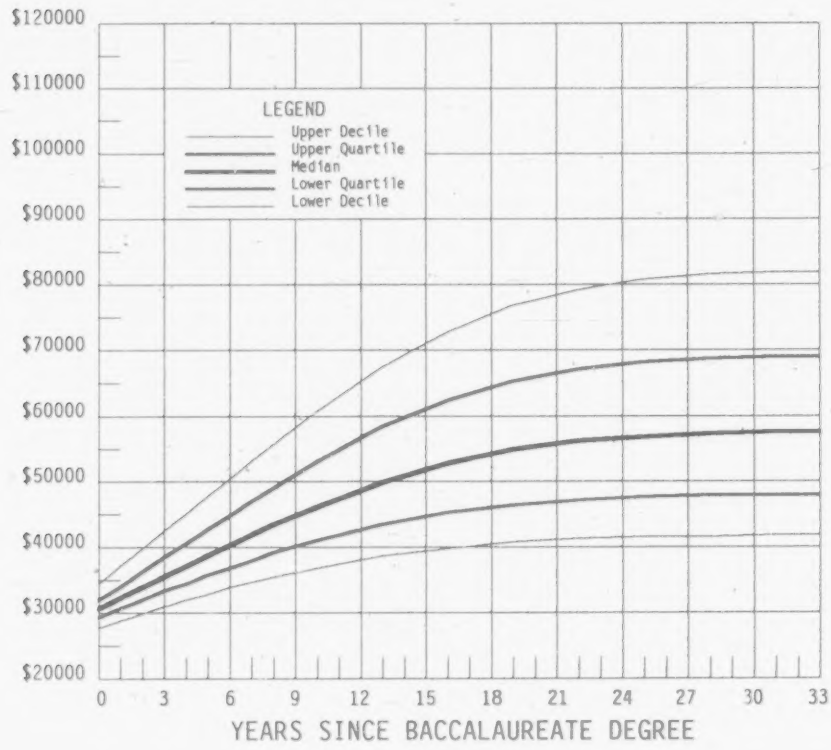
1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	59850	64200	69700	73800	76700	78550	79700	80400	80800	81100	77150
Upper Quartile	0	0	0	0	0	0	0	0	51400	55500	61150	65750	69100	71150	72200	72400	72150	70950	67600
Median	0	0	0	0	0	0	0	0	46800	50050	54400	57900	60400	62050	62850	63150	63050	62300	58950
Lower Quartile	0	0	0	0	0	0	0	0	41950	44600	48150	51000	53100	54400	55100	55350	55300	54750	51050
Lower Decile	0	0	0	0	0	0	0	0	40000	41850	44150	45950	47250	48250	48900	49350	49650	49900	44600
Mean	0	0	0	0	0	0	0	0	48050	51200	55450	58800	61300	62900	63750	64100	64050	63450	60100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	51350	74200	67500	69600	80350	78300	78500	79600	87750	77700	77150
Upper Quartile	0	0	0	0	0	0	0	0	46550	58350	63350	64550	67000	71300	72400	72250	74000	70250	67600
Median	0	0	0	0	0	0	0	0	44900	50300	56800	56800	59000	63350	63150	61500	62000	63500	58950
Lower Quartile	0	0	0	0	0	0	0	0	42100	43700	50450	49000	54000	55450	54600	55800	52600	56450	51050
Lower Decile	0	0	0	0	0	0	0	0	39650	41800	45600	44600	46400	48650	50650	50300	46400	50700	44600
Mean	0	0	0	0	0	0	0	0	44950	53350	56600	56650	61100	64100	63800	63400	63750	63700	60100
Supporting Data																			
Total Number	0	0	0	1	1	6	3	6	11	29	36	48	48	61	65	31	38	39	423
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	52350	57100	63700	69150	73150	75600	76750	76950	76550	74950	72600
Upper Quartile	0	0	0	0	0	0	0	0	48550	52400	57600	61900	65050	67050	68100	68400	68250	67250	64900
Median	0	0	0	0	0	0	0	0	44800	48000	52300	55750	58250	59800	60600	60800	60700	59900	56700
Lower Quartile	0	0	0	0	0	0	0	0	41850	44250	47350	49850	51750	52950	53700	54000	54100	53800	49750
Lower Decile	0	0	0	0	0	0	0	0	40500	41700	43300	44650	45800	46700	47400	47950	48350	48900	43700
Mean	0	0	0	0	0	0	0	0	45500	48650	52850	56250	58750	60350	61200	61500	61450	60800	57500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	50000	57600	66400	66650	76200	76300	74550	74800	76000	77200	72600
Upper Quartile	0	0	0	0	0	0	0	0	46100	52100	62800	59600	63000	69800	68000	66500	65500	69650	64900
Median	0	0	0	0	0	0	0	0	44600	47000	54500	55000	57000	62000	60000	60000	58650	61500	56700
Lower Quartile	0	0	0	0	0	0	0	0	41750	42950	50200	48000	53250	52850	53400	54900	51100	55600	49750
Lower Decile	0	0	0	0	0	0	0	0	39500	41500	45500	44000	43700	46800	50100	48800	44000	50400	43700
Mean	0	0	0	0	0	0	0	0	44300	48200	55850	54550	58050	61850	61100	61100	58750	62550	57500
Supporting Data																			
Total Number	0	0	0	1	1	5	3	6	10	22	30	40	39	47	52	26	30	35	347
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

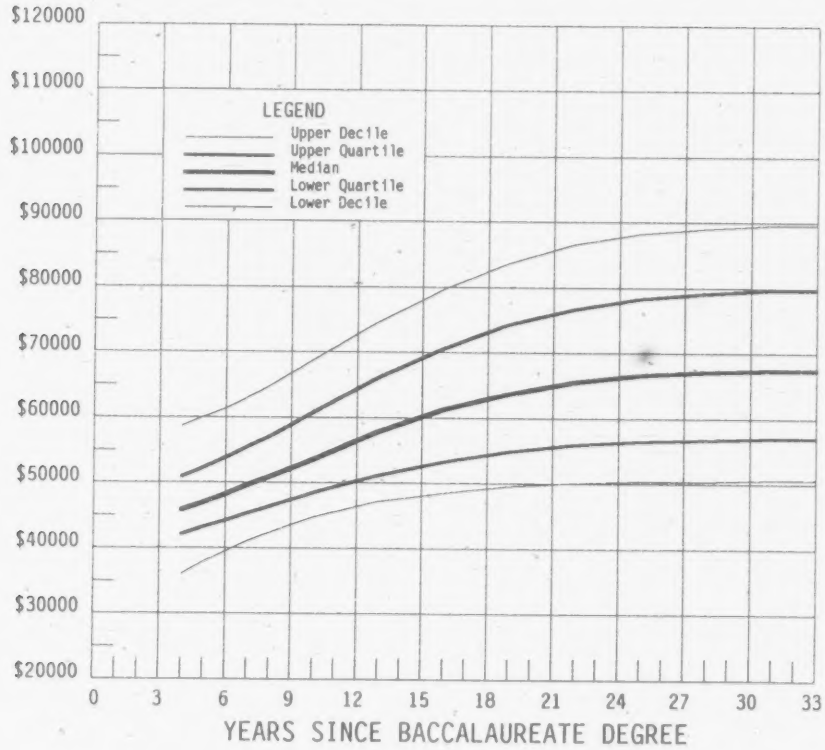
SALARY CURVES FOR ENGINEERS IN COMPUTERS
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: COMPUTERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34500	37050	39650	42300	45000	47700	50450	53150	55800	60850	67550	72850	76700	79200	80700	81500	81900	82050	67500
Upper Quartile	31900	34000	36150	38350	40550	42750	44900	47050	49150	53100	58300	62350	65250	67150	68250	68850	69100	69250	54650
Median	30550	32150	33750	35400	37050	38650	40250	41850	43350	46250	49950	52800	54850	56150	56900	57350	57500	57600	44500
Lower Quartile	29250	30600	31900	33200	34450	35700	36850	38000	39100	41050	43500	45300	46500	47300	47750	48000	48100	48150	37300
Lower Decile	27850	28900	29950	31000	31950	32900	33800	34650	35450	36850	38600	39850	40700	41250	41550	41700	41800	41800	32650
Mean	31650	33200	34800	36400	38050	39750	41400	43000	44600	47650	51650	54800	57050	58500	59350	59850	60050	60150	47550
Raw (Unsmoothed) Statistics																			
Upper Decile	33500	37800	40000	43000	45000	48350	49150	51650	56350	60850	67000	72800	79600	84900	74750	80300	81850	80300	67500
Upper Quartile	31550	34400	36250	37900	40750	43750	44650	46050	49700	52700	58250	61350	68800	67200	68450	66750	70350	66800	54650
Median	30600	31650	34000	35500	37550	38400	40100	41600	44500	45800	50250	50100	56700	56750	56950	57500	61750	54550	44500
Lower Quartile	29400	29700	32000	33150	35450	35900	36750	38600	39100	40400	43200	44450	46000	48600	45750	50200	51800	47350	37300
Lower Decile	28350	28000	30050	30650	33400	32950	33250	34550	34800	36850	38600	40250	41350	42250	40000	41700	42900	39600	32650
Mean	31850	32650	35150	36000	38750	40050	40950	42400	45100	47650	51650	53800	58250	59300	57600	59250	62300	59200	47550
Supporting Data																			
Total Number	72	86	108	134	145	149	150	138	159	335	255	198	165	134	101	82	89	77	2576
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2

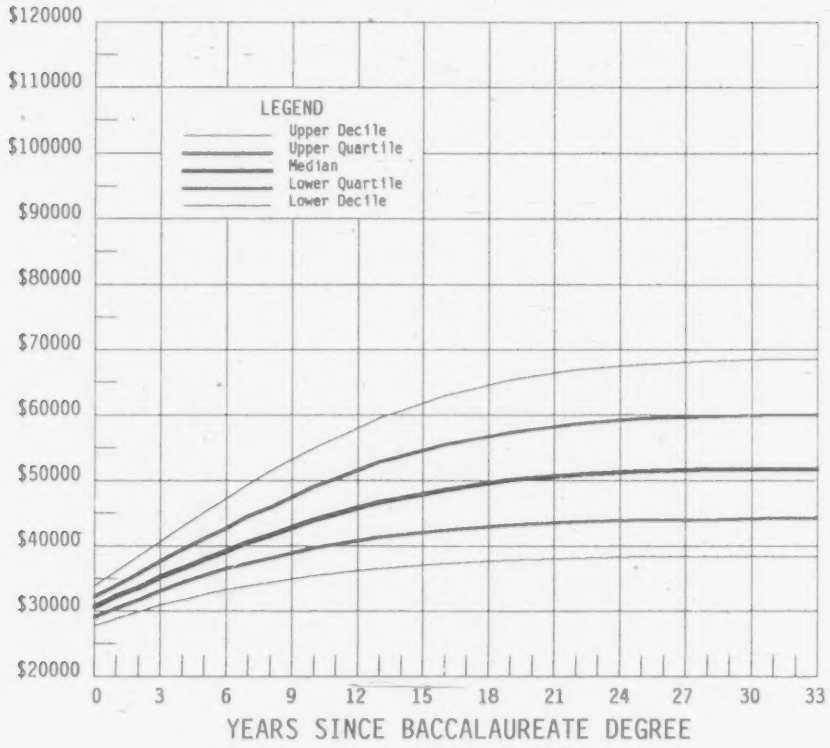
SALARY CURVES FOR ENGINEERS IN COMPUTERS SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: COMPUTERS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	58650	59900	61400	63050	64900	68800	74650	79800	83850	86600	88300	89200	89650	89850	80250
Upper Quartile	0	0	0	0	51000	52300	53750	55350	57100	60700	66050	70750	74400	76900	78450	79250	79650	79800	69550
Median	0	0	0	0	45900	46950	48200	49500	50900	53700	57800	61250	63850	65650	66700	67300	67550	67650	57950
Lower Quartile	0	0	0	0	42250	43300	44350	45400	46500	48500	51250	53400	54900	55900	56500	56800	56950	57050	50000
Lower Decile	0	0	0	0	36000	37850	39550	41050	42400	44700	47100	48600	49500	50050	50350	50500	50550	50600	45250
Mean	0	0	0	0	47400	48500	49750	51050	52450	55300	59400	62900	65550	67350	68400	69000	69250	69400	60650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	62650	65100	55200	54100	61950	73850	73850	79700	84600	89000	82950	84500	89550	93250	80250
Upper Quartile	0	0	0	0	50300	57550	51900	51950	54900	62500	65250	71400	75850	80700	73550	73550	80500	80450	69550
Median	0	0	0	0	44550	48950	48000	49550	50300	54400	56700	61750	65050	64050	68150	64250	69700	67450	57950
Lower Quartile	0	0	0	0	40300	44900	44050	45350	47350	49000	51150	50950	54450	54800	60200	52850	60650	60350	50000
Lower Decile	0	0	0	0	35450	37200	39150	41250	44400	44650	47350	47250	46750	50300	53600	50000	54500	51100	45250
Mean	0	0	0	0	47750	50650	47500	48350	52000	56750	59000	62550	65500	67350	67300	65450	71250	72700	60650
Supporting Data																			
Total Number	3	2	5	8	15	17	17	19	42	99	111	66	84	54	36	29	35	27	668
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN COMPUTERS
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: COMPUTERS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	33800	36050	38350	40650	42900	45100	47250	49350	51350	55000	59600	63000	65400	66900	67800	68250	68500	68500	57350
Upper Quartile	32200	34000	35800	37550	39350	41100	42800	44450	46000	48950	52700	55500	57450	58750	59500	59850	60050	60150	47700
Median	30750	32200	33650	35100	36500	37900	39200	40500	41700	43900	46600	48650	50050	50900	51400	51700	51800	51850	40850
Lower Quartile	29150	30500	31850	33100	34300	35350	36400	37300	38150	39650	41300	42450	43200	43650	43950	44050	44150	44150	35700
Lower Decile	27850	28900	29950	30850	31750	32550	33250	33900	34500	35500	36650	37400	37900	38200	38350	38450	38500	38500	31650
Mean	31250	32700	34150	35600	37050	38450	39800	41150	42400	44700	47550	49750	51200	52200	52750	53050	53150	53200	43000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	32150	37150	39100	40850	43350	45950	47000	48850	51750	53300	57950	63150	66550	68100	69550	71300	70800	67000	57350
Upper Quartile	31450	34150	35950	37600	40000	41600	43450	44450	46600	47350	51200	53350	59550	61650	59200	61850	65950	57950	47700
Median	30550	31600	33850	35350	37250	37850	39550	40800	42050	43350	44850	46900	49350	53350	51950	55650	56150	49450	40850
Lower Quartile	29300	29650	31900	33100	35300	35600	36450	38300	37500	39050	39850	42750	42200	45950	42350	46950	46250	43100	35700
Lower Decile	28350	27900	30000	30500	33250	32600	33050	34250	33200	35850	35750	38100	37550	38050	36250	39700	41700	38000	31650
Mean	30950	32300	34500	35550	37750	38650	40150	41400	42650	43800	46000	49500	50750	53900	52150	55850	56400	51950	43000
---------- Supporting Data ----------																			
Total Number	70	84	103	126	130	132	133	118	117	236	144	133	81	81	65	53	54	50	1908
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2

1989 ENGINEERING SALARY STATISTICS: COMPUTERS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33100	35450	37950	40500	43100	45750	48400	51050	53650	58650	65400	70800	74750	77350	78950	79750	80150	80300	64050
Upper Quartile	31400	33350	35300	37350	39400	41500	43550	45600	47650	51450	56550	60550	63450	65350	66500	67100	67350	67500	52000
Median	30150	31750	33400	35000	36600	38200	39750	41300	42750	45450	48950	51550	53400	54600	55300	55700	55850	55950	42650
Lower Quartile	28900	30250	31600	32900	34200	35400	36500	37600	38600	40400	42550	44150	45200	45850	46200	46400	46500	46550	36250
Lower Decile	27550	28600	29600	30600	31550	32450	33300	34050	34800	36100	37650	38800	39500	40000	40250	40400	40450	40500	31800
Mean	30950	32500	34050	35600	37200	38850	40450	42050	43600	46550	50450	53500	55700	57150	58000	58450	58650	58800	45750
Raw (Unsmoothed) Statistics																			
Upper Decile	32900	35850	37950	40450	43800	45500	46950	49450	56050	58650	65650	70350	79500	78300	75500	68450	84550	81300	64050
Upper Quartile	31500	32900	35650	37200	39900	40850	43650	44700	49350	51650	56250	56150	68950	64850	66200	62850	70400	68450	52000
Median	30550	30950	33500	34950	37100	37550	39950	40900	44100	45550	48350	49100	54700	55150	56800	54750	59650	52750	42650
Lower Quartile	29350	29150	31650	32750	35100	35300	36700	38250	38500	40000	41750	43900	45500	46650	44400	48200	49950	44500	36250
Lower Decile	28350	27050	29750	30100	33100	32300	33350	34050	33850	36250	37650	38800	40750	38750	40550	39750	42350	38450	31800
Mean	31800	31350	34050	35100	38050	38400	40500	41500	44750	46750	50200	51850	57700	56950	56800	56000	61550	58500	45750
Supporting Data																			
Total Number	71	70	95	113	125	123	127	119	137	253	183	132	117	86	75	53	73	57	2009
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2

1989 ENGINEERING SALARY STATISTICS: COMPUTERS, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	52350	55700	58950	62100	67800	74700	79400	82250	83800	84550	84850	84950	85000	79000
Upper Quartile	0	0	0	0	0	50550	52250	54050	55950	59800	65200	69550	72650	74600	75650	76150	76350	76450	68000
Median	0	0	0	0	0	46050	47250	48500	49850	52550	56450	59700	62150	63800	64800	65350	65600	65700	56300
Lower Quartile	0	0	0	0	0	42800	43650	44600	45550	47500	50250	52500	54200	55300	56000	56350	56500	56550	49300
Lower Decile	0	0	0	0	0	36700	38500	40100	41550	43850	46250	47650	48450	48900	49150	49300	49350	49350	44350
Mean	0	0	0	0	0	45750	47550	49350	51050	54350	58600	61950	64300	65850	66750	67250	67450	67600	59500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	55750	55350	54700	59900	71250	73300	78200	84350	87750	84650	69900	91100	84600	79000
Upper Quartile	0	0	0	0	0	53100	51800	51900	54900	60900	64300	71550	75250	71050	73650	65700	82800	79900	68000
Median	0	0	0	0	0	46100	46550	48800	50150	52800	55700	59100	65550	59450	65150	59150	69750	67850	56300
Lower Quartile	0	0	0	0	0	42200	42300	43650	47150	48050	50300	49600	53800	53600	60000	51650	59250	60750	49300
Lower Decile	0	0	0	0	0	33700	38750	40550	44250	43500	46100	46900	45850	49000	49500	48950	53150	52600	44350
Mean	0	0	0	0	0	46300	46900	47850	51700	54850	58200	61250	65250	63600	66950	60300	71700	72150	59500
Supporting Data																			
Total Number	3	0	3	4	9	10	14	16	39	76	80	46	68	38	30	22	30	24	510
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: COMPUTERS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33000	35250	37500	39700	41900	43950	45950	47850	49600	52800	56600	59350	61200	62350	63000	63350	63500	63600	53300
Upper Quartile	31550	33400	35250	37050	38800	40450	42050	43550	45000	47500	50550	52750	54250	55200	55700	56000	56100	56200	45450
Median	30150	31800	33400	34900	36350	37700	38950	40150	41200	43100	45300	46800	47800	48400	48750	48950	49000	49050	39350
Lower Quartile	28750	30250	31650	32950	34150	35200	36150	37000	37750	38950	40250	41050	41550	41800	42000	42050	42100	42100	34650
Lower Decile	27500	28600	29600	30550	31400	32150	32800	33400	33900	34800	35700	36300	36700	36900	37000	37100	37100	37100	30950
Mean	30700	32200	33700	35200	36600	37900	39200	40400	41500	43550	45950	47700	48850	49600	50000	50250	50350	50400	41050
Raw (Unsmoothed) Statistics																			
Upper Decile	31950	35850	37950	40000	42950	43850	45850	46450	50450	52600	54600	55450	61700	68650	63550	67400	70100	59400	53300
Upper Quartile	31400	32900	35600	37050	39400	40150	42800	43450	45900	46900	48300	51250	52550	58100	57450	59100	62700	52150	45450
Median	30500	30950	33450	34900	36950	37350	39450	40350	41500	43200	43200	46350	46500	50700	47400	52350	53700	46200	39350
Lower Quartile	29300	29150	31550	32800	35050	35150	36400	37900	36900	38650	38900	41900	41100	44150	42000	41600	43550	40050	34650
Lower Decile	28350	27050	29650	30000	33050	32000	33200	33700	32600	35150	34600	36600	35350	36200	36300	38150	41350	36400	30950
Mean	30900	31350	34050	34900	37400	37650	39700	40550	42000	43250	44000	46900	47300	51650	49850	52900	54500	48950	41050
Supporting Data																			
Total Number	68	70	92	108	117	113	113	103	98	177	103	87	49	48	45	31	43	33	1499
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2

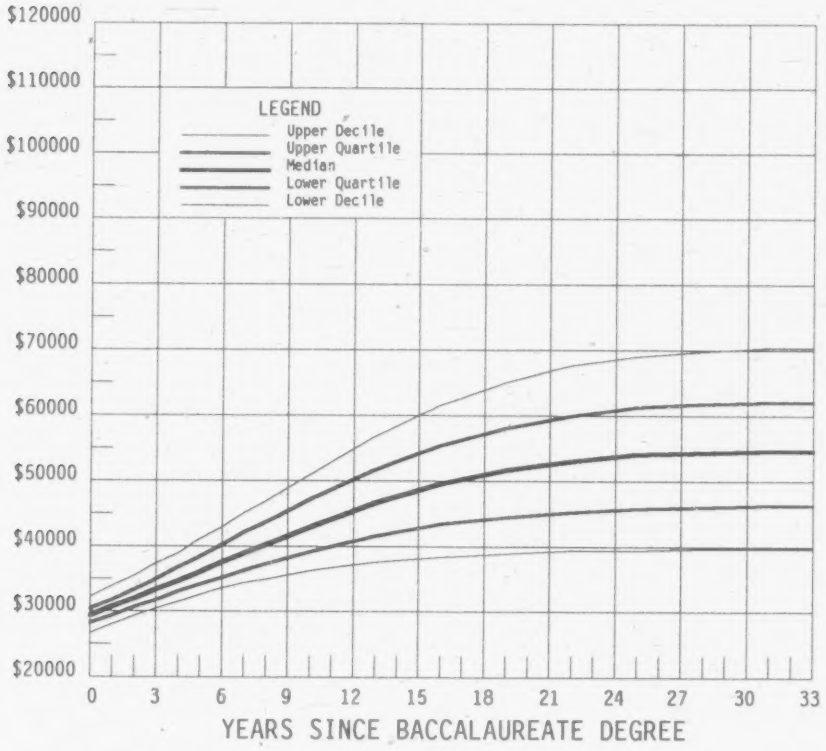
1989 ENGINEERING SALARY STATISTICS: COMPUTERS, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	52750	53200	54000	55100	56450	57950	59600	63150	68450	73100	76750	79250	80800	81600	82000	82200	71800
Upper Quartile	0	0	44800	45850	47050	48450	49950	51550	53200	56550	61350	65400	68500	70600	71850	72550	72850	73000	62000
Median	0	0	38650	40100	41550	43050	44500	46000	47450	50150	53700	56500	58450	59750	60550	60950	61100	61200	50950
Lower Quartile	0	0	36650	37350	38150	39050	39950	40900	41850	43750	46400	48500	50050	51050	51650	51950	52100	52200	43100
Lower Decile	0	0	35800	35850	36000	36150	36450	37000	37650	39100	41300	43300	44850	45900	46500	46850	47000	47100	37900
Mean	0	0	41650	42450	43400	44500	45700	46950	48250	50900	54650	57800	60150	61750	62700	63200	63450	63550	53400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	61900	47950	52150	59200	54450	54400	57600	62950	73000	78550	71950	82550	74450	83800	71950	77400	71800
Upper Quartile	0	0	47550	44800	45300	49400	49250	52250	51450	55700	63850	68200	68100	70600	70650	74050	70650	65750	62000
Median	0	0	37800	38850	41500	46200	45450	48500	47350	47600	54800	55050	59850	60850	58000	63200	68400	58450	50950
Lower Quartile	0	0	35400	36650	39300	42450	36900	43700	42450	41950	49400	45000	52100	49600	52750	52800	63400	49450	43100
Lower Decile	0	0	34550	35000	38100	38500	32900	39950	38950	38400	41900	41350	42650	46350	50050	46600	53150	48000	37900
Mean	0	0	42950	40550	43400	47300	43650	47800	47850	50000	56400	57750	59700	61850	61550	64200	65800	61250	53400
Supporting Data																			
Total Number	1	16	13	20	20	25	22	19	21	70	57	54	38	39	21	22	12	20	492
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: COMPUTERS, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44250	46000	47800	49650	51500	53400	55250	58800	63600	67450	70250	72050	73150	73750	74000	74150	65500
Upper Quartile	0	0	40600	42150	43750	45350	46950	48550	50150	53100	57050	60100	62300	63750	64600	65050	65250	65350	55400
Median	0	0	37950	38850	39850	40900	41950	43050	44150	46300	49250	51600	53300	54400	55100	55450	55600	55700	46900
Lower Quartile	0	0	36700	37000	37450	38050	38700	39400	40150	41650	43750	45500	46800	47650	48150	48400	48550	48600	40650
Lower Decile	0	0	35300	35350	35450	35650	36050	36500	37000	38150	39900	41350	42450	43200	43600	43850	43950	44000	36550
Mean	0	0	38800	39800	40900	42050	43200	44400	45650	48000	51150	53700	55550	56800	57500	57900	58100	58150	49400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	46300	45050	44600	50400	54100	54700	56550	55600	65050	75200	69350	67400	72900	80250	0	67500	65500
Upper Quartile	0	0	40850	40500	42650	47650	48700	52550	50800	50250	56100	60850	64050	63000	64900	67650	0	64750	55400
Median	0	0	36500	37850	40400	44900	40500	46400	46000	43900	51050	46700	58050	55300	54400	57450	0	57750	46900
Lower Quartile	0	0	35100	36350	38800	40850	36600	42450	41400	40600	42850	43750	46150	48200	51500	49700	0	49550	40650
Lower Decile	0	0	34450	34700	37200	37700	32650	39600	38600	37500	39300	40900	41300	44700	39700	45250	0	48050	36550
Mean	0	0	38450	38800	40650	44500	42700	47200	46500	46000	51250	53750	56150	55800	58600	59800	0	58200	49400
Supporting Data																			
Total Number	1	14	11	17	14	19	19	16	18	50	27	35	24	26	15	17	7	16	346
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

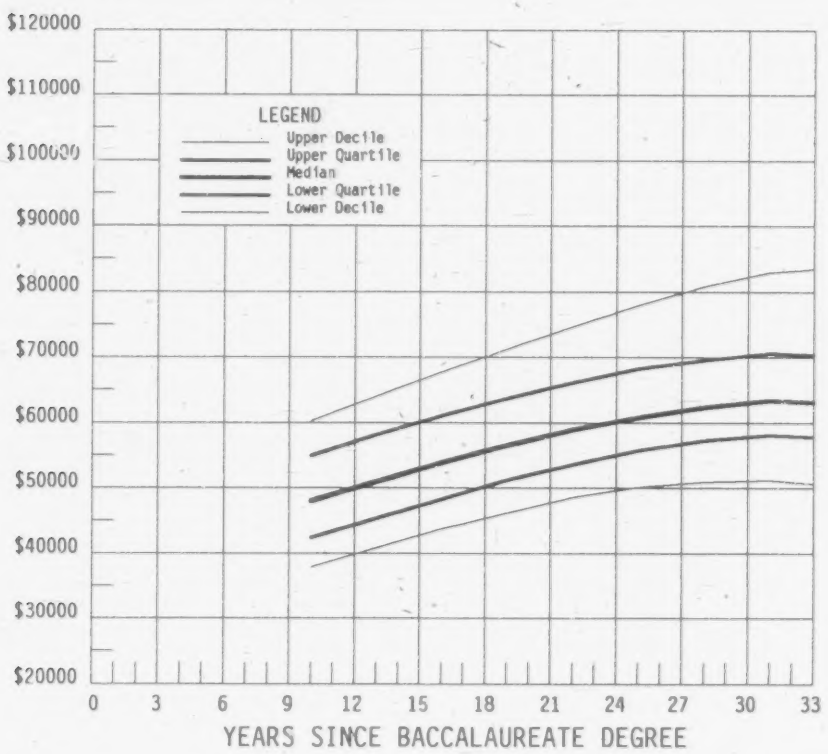
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32400	33900	35500	37250	39050	41000	42950	44950	47000	51050	56750	61600	65200	67700	69200	70000	70350	70550	60200
Upper Quartile	30350	31850	33450	35050	36750	38500	40250	42000	43750	47150	51750	55500	58250	60100	61200	61750	62050	62150	51100
Median	29400	30600	31900	33250	34650	36050	37500	38950	40350	43050	46700	49650	51750	53150	54000	54450	54650	54750	41700
Lower Quartile	28200	29400	30600	31750	32950	34100	35200	36300	37300	39200	41600	43400	44650	45450	45900	46150	46300	46350	35000
Lower Decile	26700	28050	29350	30500	31600	32600	33500	34300	35050	36250	37600	38500	39050	39400	39600	39700	39700	39750	30900
Mean	29600	30850	32200	33600	35050	36500	37950	39400	40850	43650	47350	50300	52450	53850	54700	55150	55350	55450	44200
Raw (Unsmoothed) Statistics																			
Upper Decile	32400	33100	35650	37750	39550	42500	43900	43950	44750	52050	55350	60100	65650	68900	67750	70850	70800	73600	60200
Upper Quartile	30250	31550	33350	35500	37250	39250	41250	40850	42700	47550	50600	54750	58250	58900	61250	63550	62000	65450	51100
Median	29150	30550	31950	33800	35150	36000	37250	38850	40400	43200	45700	48750	51400	53100	54100	55600	54350	57500	41700
Lower Quartile	28200	29250	30500	32200	33000	34000	34550	36250	38350	39100	41150	43050	43700	47700	45250	45400	47400	46700	35000
Lower Decile	26850	28300	28900	30350	31550	32200	32750	34550	36350	36600	36900	37950	38700	43200	38300	37800	39950	39400	30900
Mean	29300	30900	32150	33900	35800	36500	38050	39500	40400	43800	46300	49100	52150	54650	53300	55000	58000	58250	44200
Supporting Data																			
Total Number	74	62	65	68	79	60	64	61	92	168	132	109	123	89	74	47	46	78	1491
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

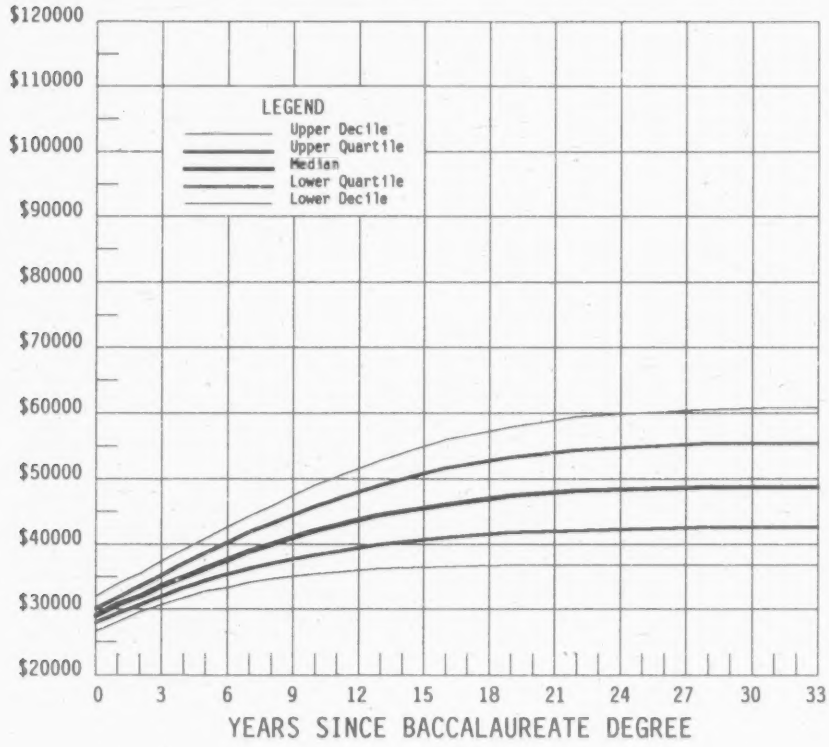
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	60200	63900	67650	71300	74800	77950	80700	82900	85450	71350
Upper Quartile	0	0	0	0	0	0	0	0	0	54950	58050	61050	63800	66250	68250	69700	70600	69650	64800
Median	0	0	0	0	0	0	0	0	0	48100	51000	53850	56500	58900	60900	62450	63400	62900	56800
Lower Quartile	0	0	0	0	0	0	0	0	0	42300	45350	48300	51100	53650	55750	57300	58200	57100	49550
Lower Decile	0	0	0	0	0	0	0	0	0	37950	40850	43650	46200	48400	50050	51050	51300	48400	42300
Mean	0	0	0	0	0	0	0	0	0	48700	51950	55150	58200	61000	63400	65250	66450	66150	58200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	59750	66800	65200	71050	74000	73350	73600	110000	82500	71350
Upper Quartile	0	0	0	0	0	0	0	0	0	57350	55750	59600	65600	68000	67000	70000	69000	69850	64800
Median	0	0	0	0	0	0	0	0	0	48500	49700	54500	58250	58000	61000	63000	61000	63400	56800
Lower Quartile	0	0	0	0	0	0	0	0	0	41000	45250	50750	51650	53000	54750	58000	55600	57800	49550
Lower Decile	0	0	0	0	0	0	0	0	0	36950	41900	43100	47400	47000	51500	46400	53150	48500	42300
Mean	0	0	0	0	0	0	0	0	0	48750	51600	54800	60050	60700	61400	62950	69200	66050	58200
Supporting Data																			
Total Number	0	1	0	1	3	3	5	7	4	24	39	34	47	40	30	16	22	45	321
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32000	33750	35550	37350	39100	40900	42650	44300	45950	49000	52900	55900	57950	59350	60100	60550	60750	60800	52550
Upper Quartile	30100	31850	33550	35300	37000	38650	40250	41750	43200	45900	49200	51650	53350	54400	55050	55350	55500	55600	45750
Median	29050	30550	32050	33550	34950	36300	37600	38800	39950	42000	44450	46200	47400	48150	48550	48800	48900	48950	39200
Lower Quartile	27900	29350	30700	32000	33200	34300	35350	36250	37100	38500	40100	41150	41850	42250	42500	42600	42650	42700	33550
Lower Decile	26550	28100	29550	30750	31800	32700	33450	34100	34650	35400	36150	36550	36750	36850	36850	36900	36900	36900	30200
Mean	29200	30750	32300	33800	35200	36600	37900	39100	40250	42250	44650	46400	47550	48300	48700	48900	49000	49050	40350
Raw (Unsmoothed) Statistics																			
Upper Decile	32400	32750	35650	37750	38600	42300	43450	43300	44600	49950	52250	56400	57900	58100	60600	67600	55750	59600	52550
Upper Quartile	30250	31500	33350	35500	37050	39200	40800	40500	42600	46650	48650	51600	53300	54050	55400	59000	53600	54300	45750
Median	29150	30500	31950	33750	34950	35800	36900	38700	40300	42700	43900	46050	47400	49850	47750	50500	47750	46700	39200
Lower Quartile	28200	29200	30500	32150	32900	33850	34500	35900	38350	39000	39750	41850	41000	45600	41000	43250	41000	40550	33550
Lower Decile	26850	28300	28900	30350	31450	32150	32700	34450	36350	36550	35650	36250	35800	39350	33400	36750	38300	36600	30200
Mean	29300	30700	32150	33850	35150	36400	37650	38800	40300	43000	44050	46550	47200	49750	47850	50900	47700	47550	40350
Supporting Data																			
Total Number	74	61	65	67	76	57	59	54	88	144	93	75	76	49	44	31	24	33	1170
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32050	33500	35100	36800	38600	40450	42400	44400	46450	50450	56150	60950	64600	67100	68600	69400	69800	69950	59550
Upper Quartile	30450	31750	33200	34750	36300	37950	39650	41350	43050	46400	51000	54800	57650	59550	60650	61250	61550	61700	50100
Median	29450	30550	31750	33000	34300	35600	37000	38400	39750	42450	46150	49150	51300	52800	53650	54100	54350	54450	40600
Lower Quartile	28200	29350	30500	31700	32850	33950	35050	36100	37050	38900	41150	42850	44050	44800	45250	45450	45550	45600	34100
Lower Decile	26600	28000	29300	30500	31600	32550	33400	34200	34850	35950	37150	37850	38300	38550	38700	38750	38800	38800	30500
Mean	29500	30750	32050	33400	34800	36200	37650	39050	40450	43150	46700	49550	51650	53000	53800	54250	54450	54500	43250
Raw (Unsmoothed) Statistics																			
Upper Decile	32400	32750	34700	36900	39400	40550	43350	45350	43800	51750	55500	59250	65100	68700	69050	70650	66200	71350	59550
Upper Quartile	30250	31500	33250	35300	37250	37950	39750	40700	42500	46400	50200	54050	57350	58800	61450	63850	60200	64550	50100
Median	29150	30500	31850	33650	35000	35550	35950	38600	40350	42000	45700	47550	50600	53150	53750	55500	53950	58000	40600
Lower Quartile	28200	29200	30450	32150	32900	33650	34250	35950	38300	38500	41550	42550	42450	47100	44750	44950	45750	46250	34100
Lower Decile	26850	28300	28800	30300	31300	32050	32500	34400	36300	36250	37500	37250	38050	42000	35200	37800	39400	39100	30500
Mean	29300	30800	32000	33600	35700	35800	37250	39500	40300	42950	46500	48300	50850	54500	53050	54800	55300	56350	43250
Supporting Data																			
Total Number	74	61	63	63	73	53	51	51	76	133	110	95	101	73	62	37	39	68	1283
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

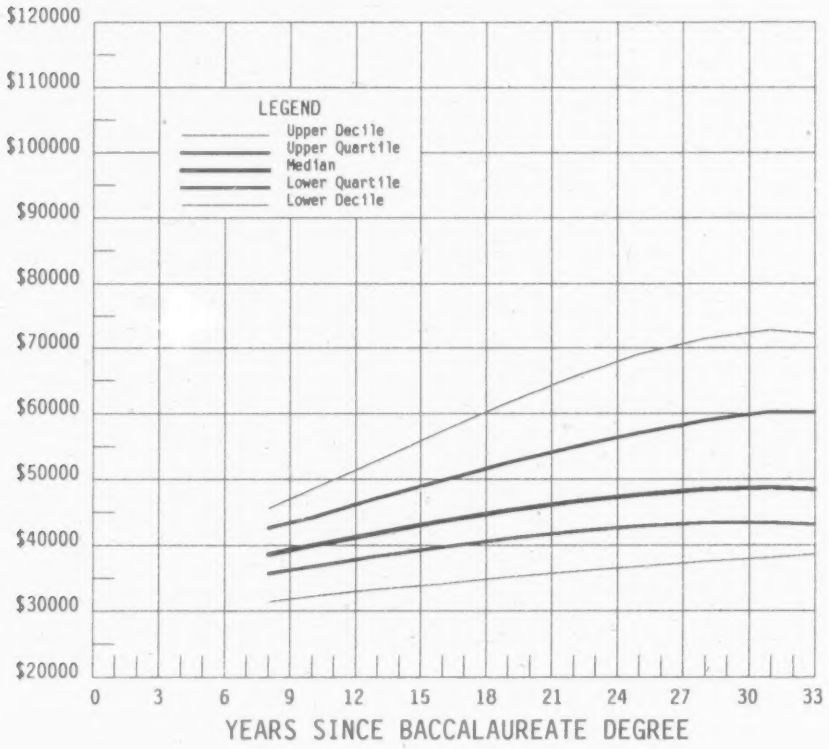
1989 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	59500	63500	67350	70900	74000	76400	78050	78800	76150	70650
Upper Quartile	0	0	0	0	0	0	0	0	0	54800	57800	60650	63250	65450	67200	68400	68950	67250	63900
Median	0	0	0	0	0	0	0	0	0	47500	50550	53500	56200	58650	60650	62150	63000	61950	56650
Lower Quartile	0	0	0	0	0	0	0	0	0	41550	44800	48100	51150	53900	56150	57700	58450	56300	49600
Lower Decile	0	0	0	0	0	0	0	0	0	37800	41050	44250	47200	49650	51450	52400	52400	48150	42300
Mean	0	0	0	0	0	0	0	0	0	48200	51550	54850	57900	60550	62600	64050	64650	62250	57200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	59350	66800	64400	68950	73600	73850	74000	103750	73800	70650
Upper Quartile	0	0	0	0	0	0	0	0	0	57200	55650	59750	64700	66650	67500	70250	63750	67850	63900
Median	0	0	0	0	0	0	0	0	0	47000	50000	54250	57750	58000	60000	63500	59500	62600	56650
Lower Quartile	0	0	0	0	0	0	0	0	0	39500	45350	50600	51300	53500	54500	59500	55250	57000	49600
Lower Decile	0	0	0	0	0	0	0	0	0	36550	42600	43700	47200	48800	50900	54500	52550	48100	42300
Mean	0	0	0	0	0	0	0	0	0	48050	51600	54700	58350	60750	61250	64150	65400	62250	57200
Supporting Data																			
Total Number	0	1	0	1	3	3	4	6	4	18	36	29	43	36	26	15	17	41	283
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31750	33400	35050	36750	38450	40150	41800	43450	45000	48000	51850	54850	56950	58300	59150	59550	59750	59850	51000
Upper Quartile	30150	31750	33350	35000	36550	38100	39650	41100	42500	45050	48300	50700	52400	53450	54100	54400	54550	54650	44300
Median	29000	30500	32000	33400	34700	36000	37150	38300	39300	41150	43250	44800	45750	46400	46750	46950	47000	47050	38050
Lower Quartile	27900	29350	30700	32000	33150	34200	35200	36050	36850	38100	39500	40400	41000	41300	41500	41550	41600	41650	32950
Lower Decile	26500	28100	29500	30700	31700	32550	33250	33800	34300	35000	35600	35950	36100	36150	36200	36200	36200	36200	29850
Mean	29150	30650	32150	33550	34900	36200	37450	38600	39700	41600	43850	45450	46550	47200	47600	47800	47900	47950	39300
Raw (Unsmoothed) Statistics																			
Upper Decile	32400	32400	34700	36950	38450	40350	42400	43500	43700	49550	51300	55200	55250	56400	61400	63600	55900	60600	51000
Upper Quartile	30250	31450	33250	35300	37000	37900	39200	40250	42400	45700	48200	50650	51700	52900	55000	55250	53900	54900	44300
Median	29150	30450	31850	33600	34750	35350	35800	38250	40250	41500	43800	45300	44000	48500	46500	46000	47000	45900	38050
Lower Quartile	28200	29200	30450	32150	32800	33500	34250	35650	38300	38500	40050	41400	39500	44550	40000	40250	40600	40050	32950
Lower Decile	26850	28300	28800	30250	31200	32000	32500	34300	36250	36200	36200	35600	34900	37850	32600	36800	38150	33800	29850
Mean	29300	30600	32000	33550	35000	35650	36750	38600	40200	42150	44000	45500	45300	48400	47150	48500	47500	47350	39300
Supporting Data																			
Total Number	74	60	63	62	70	50	47	45	72	115	74	66	58	37	36	22	22	27	1000
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

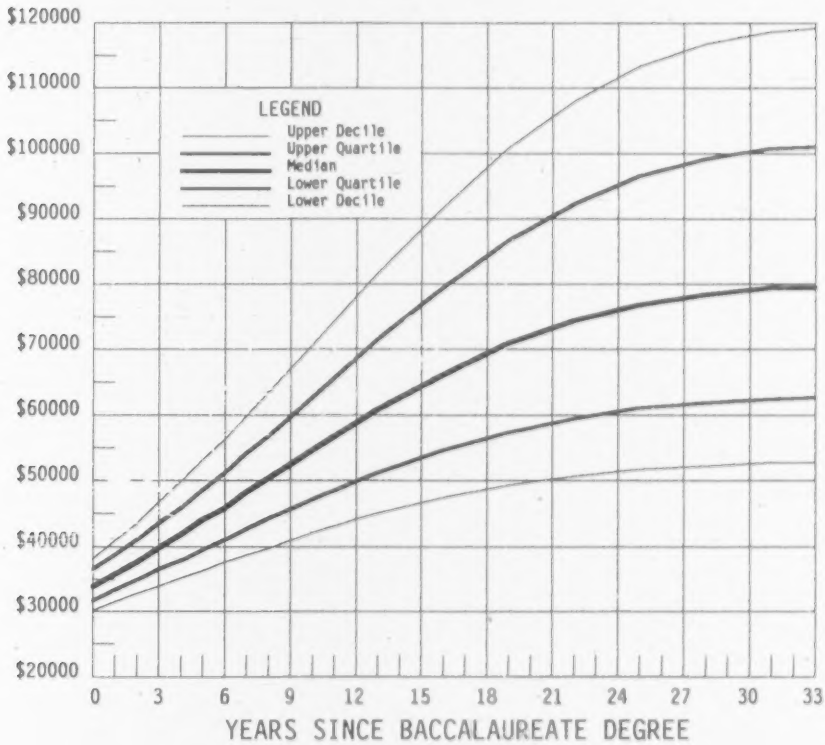
SALARY CURVES FOR ENGINEERS IN NON-ELECTRICAL MACHINERY
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY

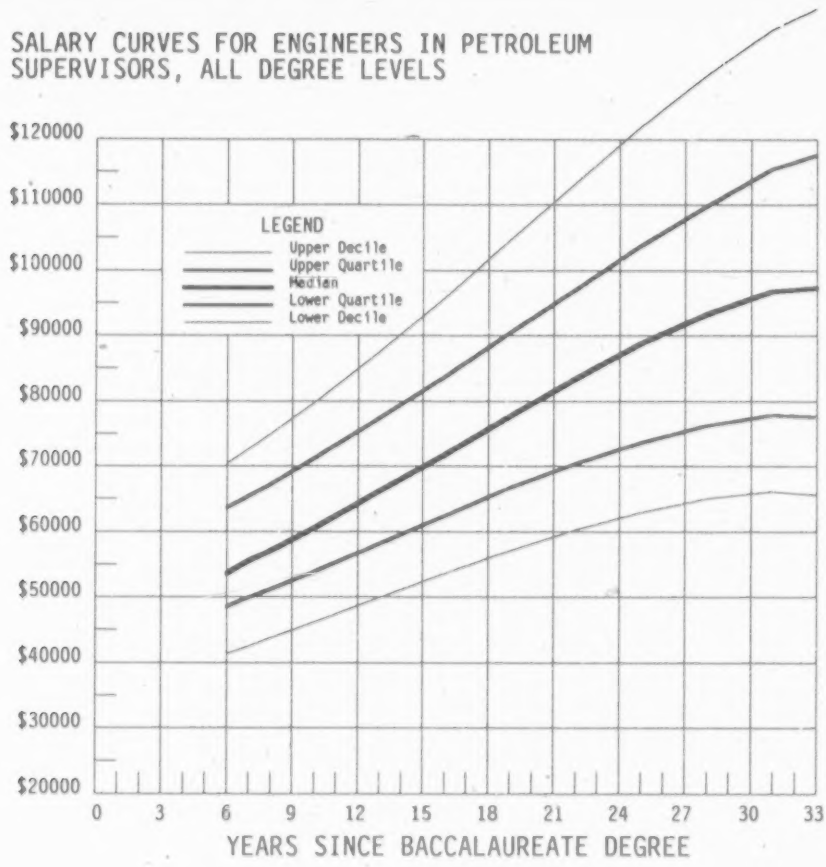
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	45700	48500	52900	57300	61650	65600	69000	71500	72900	70550	57200
Upper Quartile	0	0	0	0	0	0	0	0	42550	44350	47150	49850	52500	54950	57100	58900	60200	61000	47600
Median	0	0	0	0	0	0	0	0	38700	40050	41950	43750	45350	46700	47750	48450	48700	47500	40600
Lower Quartile	0	0	0	0	0	0	0	0	35650	36800	38350	39800	41100	42100	42900	43350	43450	42250	35100
Lower Decile	0	0	0	0	0	0	0	0	31550	32200	33250	34200	35150	36050	36850	37600	38250	39500	29500
Mean	0	0	0	0	0	0	0	0	38750	40400	42850	45200	47400	49400	51050	52350	53150	52750	42550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	46000	51200	50000	56400	60000	69600	72000	0	0	70000	57200
Upper Quartile	0	0	0	0	0	0	0	0	44500	42800	45500	50750	56000	58000	48500	0	0	61500	47600
Median	0	0	0	0	0	0	0	0	39500	40400	40550	44500	43250	53000	44000	0	0	47500	40600
Lower Quartile	0	0	0	0	0	0	0	0	34500	38000	38450	40250	38000	47600	40250	0	0	42250	35100
Lower Decile	0	0	0	0	0	0	0	0	30000	35600	35000	27900	36500	39800	38000	0	0	39100	29500
Mean	0	0	0	0	0	0	0	0	38800	41250	41900	44700	46750	53200	48450	0	0	52700	42550
Supporting Data																			
Total Number	8	7	7	4	8	9	9	7	10	16	20	19	20	16	10	7	7	25	209
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4

SALARY CURVES FOR ENGINEERS IN PETROLEUM
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: PETROLEUM

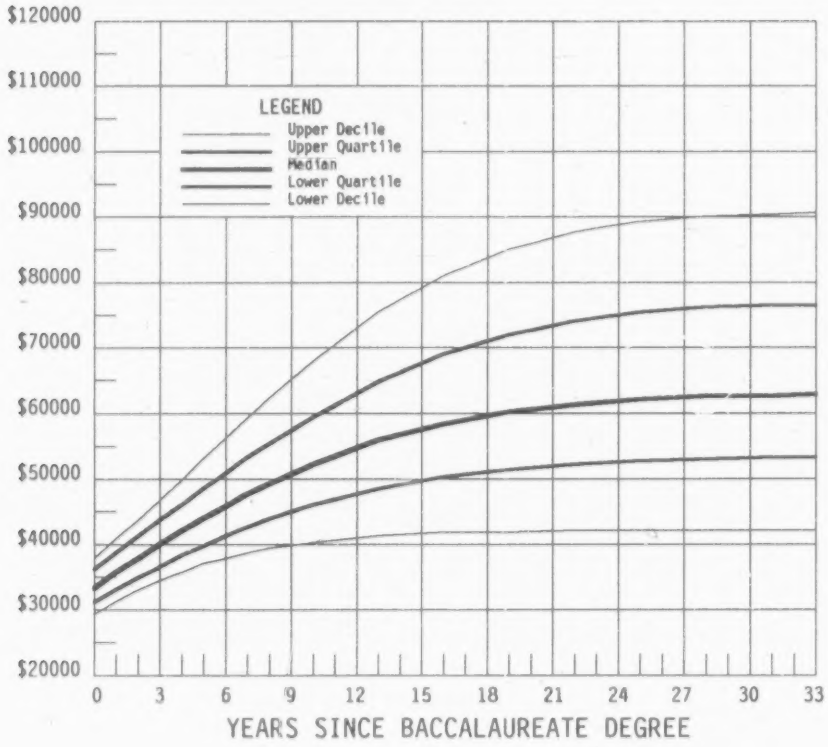
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38050	40750	43600	46600	49750	53000	56350	59850	63400	70600	81550	91850	100850	108100	113350	116750	118750	120100	90250
Upper Quartile	36550	38750	41100	43500	46000	48650	51300	54100	56900	62700	71400	79550	86700	92400	96550	99250	100800	101900	72700
Median	33900	35700	37700	39700	41800	43900	46000	48200	50350	54650	60800	66250	70850	74350	76850	78450	79350	79950	53450
Lower Quartile	31850	33350	34900	36450	38000	39550	41100	42650	44150	47100	51150	54650	57450	59550	61000	61900	62450	62800	43850
Lower Decile	30250	31450	32700	33900	35150	36350	37550	38700	39850	42050	45000	47450	49350	50800	51750	52400	52700	52950	37250
Mean	34050	36000	38000	40050	42200	44350	46550	48800	51100	55650	62250	68200	73250	77200	80000	81800	82800	83550	60200
Raw (Unsmoothed) Statistics																			
Upper Decile	38900	42150	41450	47400	51650	51750	53550	57350	62950	76750	83100	86850	95050	99250	109500	118450	113850	149800	90250
Upper Quartile	36900	39000	39950	43400	48200	48900	51350	52700	54800	63000	76250	76950	82850	90950	92800	101750	92000	118650	72700
Median	33900	34950	37950	37600	43150	45100	47050	49050	50100	53750	60800	64950	70000	74150	74150	85150	74350	87400	53450
Lower Quartile	32150	32200	35200	35100	37600	39350	43050	45000	45900	47000	49600	52000	55050	60600	62200	70600	58350	69000	43850
Lower Decile	30650	30200	33000	33000	33650	36700	39350	40950	41750	42250	42950	44550	49150	51200	53250	56300	51050	57000	37250
Mean	34550	35650	37500	39100	42900	44400	47350	48950	52050	55800	63100	65500	70950	75650	78500	86900	77750	94900	60200
Supporting Data																			
Total Number	133	123	234	161	204	248	218	300	235	705	552	498	428	252	204	180	196	257	5126
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	2	7	7	7	51	77
Less Than $22000	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	3



1989 ENGINEERING SALARY STATISTICS: PETROLEUM, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	70350	72600	74900	79750	87500	95750	104450	113300	121950	129950	136800	145350	115250
Upper Quartile	0	0	0	0	0	0	63650	65450	67300	71150	77250	83700	90350	97100	103750	109950	115400	123850	93850
Median	0	0	0	0	0	0	53700	55350	57050	60550	66100	71850	77700	83450	88750	93350	96800	98850	76500
Lower Quartile	0	0	0	0	0	0	48500	49850	51200	53950	58200	62450	66600	70400	73650	76200	77800	76900	62600
Lower Decile	0	0	0	0	0	0	41300	42500	43700	46100	49850	53550	57100	60350	63050	65000	66050	64150	51750
Mean	0	0	0	0	0	0	55750	57400	59100	62600	68150	73950	79800	85550	90900	95550	99200	101950	80700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	52650	58200	83400	76900	97750	97200	108500	108900	118600	121200	120850	157350	115250
Upper Quartile	0	0	0	0	0	0	50300	53850	81000	68850	79600	87350	93450	95550	99050	108400	103100	130850	93850
Median	0	0	0	0	0	0	47450	50000	55800	59800	70750	71650	79850	85700	84900	92500	83200	105100	76500
Lower Quartile	0	0	0	0	0	0	44650	47800	50250	53000	62150	61600	69100	65700	71600	79600	74150	78150	62600
Lower Decile	0	0	0	0	0	0	42200	45100	45600	43550	51200	53750	60150	55000	63100	71500	61450	64550	51750
Mean	0	0	0	0	0	0	48650	50950	62000	60550	72850	75200	82100	82650	89100	94850	89150	106800	80700
Supporting Data																			
Total Number	0	2	1	2	1	3	14	31	57	187	212	184	190	147	122	134	114	180	1579
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	2	7	7	7	51	77
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN PETROLEUM NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: PETROLEUM, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37750	40700	43700	46800	49950	53050	56200	59250	62300	67950	75350	81100	85200	87800	89350	90100	90500	90650	74150
Upper Quartile	36250	38750	41200	43700	46150	48600	50950	53250	55500	59600	64900	69000	72050	74100	75400	76150	76550	76800	57350
Median	33450	35650	37850	40000	42050	44050	45950	47750	49400	52400	55900	58450	60200	61400	62100	62550	62800	62950	48600
Lower Quartile	31300	33150	34950	36650	38300	39850	41300	42650	43900	46100	48600	50350	51550	52350	52800	53100	53250	53350	40750
Lower Decile	29300	31250	33000	34500	35850	36950	37900	38750	39400	40400	41300	41750	41950	42050	42050	42100	42100	42100	35450
Mean	33550	35850	38050	40300	42400	44500	46500	48350	50150	53350	57250	60100	62150	63450	64300	64750	65000	65100	51050
Raw (Unsmoothed) Statistics																			
Upper Decile	38900	42100	41400	47350	51700	51800	53650	57300	55850	76700	80100	78600	80800	83150	83650	88650	86050	91450	74150
Upper Quartile	36900	39000	39950	43200	48250	48900	51400	52600	53150	58800	66350	73000	73250	77550	70650	72550	63400	80900	57350
Median	33900	34900	37950	37550	43200	45300	47000	48750	49050	51900	53550	58800	60350	66200	61500	62950	58650	68000	48600
Lower Quartile	32150	32200	35200	35050	37700	39400	42850	44800	44750	45850	47100	49200	51400	57050	54100	47950	52350	57150	40750
Lower Decile	30650	30200	32950	32950	33650	36700	39250	40600	41000	41850	41800	40800	45200	40750	39900	42300	43500	29650	35450
Mean	34550	35400	37500	39000	42950	44500	47300	48750	48850	54100	57000	59800	62100	65900	62650	63600	61800	67100	51050
Supporting Data																			
Total Number	133	121	233	159	203	245	204	269	178	519	340	313	239	105	82	46	82	77	3547
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	3

1989 ENGINEERING SALARY STATISTICS: PETROLEUM, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37700	40700	43850	47150	50550	54050	57650	61300	64950	72500	83100	92750	100800	107050	111450	114250	115850	116950	87000
Upper Quartile	36400	38750	41200	43750	46400	49150	51950	54800	57650	63500	72000	79950	86700	92000	95800	98250	99650	100650	69650
Median	33850	35750	37750	39750	41800	43850	45950	48050	50100	54150	59900	64900	69000	72100	74250	75650	76400	76950	51650
Lower Quartile	31950	33400	34900	36350	37850	39350	40800	42250	43650	46350	50000	53050	55450	57250	58450	59250	59650	59950	42200
Lower Decile	29850	31250	32700	34050	35350	36550	37700	38800	39850	41650	43800	45450	46600	47350	47900	48200	48350	48450	36350
Mean	33850	35900	38000	40150	42350	44600	46850	49100	51350	55750	62000	67500	72000	75450	77850	79350	80250	80850	58050
Raw (Unsmoothed) Statistics																			
Upper Decile	38850	42050	41600	47600	51450	52600	54300	57900	71700	77050	84300	89150	96750	93350	105800	99300	110400	152300	87000
Upper Quartile	36900	39000	40050	44100	47900	49200	51750	52900	55250	65300	74600	78400	85800	83050	91950	92400	90350	121200	69650
Median	33900	35000	38200	37550	43250	43500	47800	49500	50800	53700	59100	62300	69700	66300	70100	80450	74800	87550	51650
Lower Quartile	32100	32200	35450	35150	37300	38750	43250	45350	45300	45950	48000	50800	54150	54400	59400	65350	58100	67200	42200
Lower Decile	30600	30200	32850	33000	33350	36500	39500	41950	41450	42050	42300	41950	48900	44750	41850	46750	50750	56200	36350
Mean	34450	35400	37650	39150	42750	44200	47850	49400	52650	56050	62650	64850	71150	68600	75250	79050	76400	95400	58050
Supporting Data																			
Total Number	131	118	218	142	178	197	181	233	185	552	420	364	304	128	115	107	144	205	3922
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	1	4	2	3	45	56
Less Than $22000	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	3

1989 ENGINEERING SALARY STATISTICS: PETROLEUM, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	72500	74450	76450	80650	87300	94350	101700	109300	116850	124150	130950	143850	112200
Upper Quartile	0	0	0	0	0	0	66100	67650	69250	72550	77700	83100	88700	94400	100100	105650	110850	121700	91400
Median	0	0	0	0	0	0	55100	56500	57900	60850	65400	70100	74900	79700	84300	88550	92250	98150	73750
Lower Quartile	0	0	0	0	0	0	49100	50250	51400	53800	57400	61000	64450	67700	70500	72800	74500	75100	60400
Lower Decile	0	0	0	0	0	0	41350	42400	43500	45600	48850	52050	55100	57800	60050	61700	62650	61350	50800
Mean	0	0	0	0	0	0	57150	58600	60050	63100	67800	72700	77650	82550	87250	91550	95250	100750	78400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	52850	58800	83550	77000	101150	98150	108650	95400	115750	106600	116400	158100	112200
Upper Quartile	0	0	0	0	0	0	50400	53850	81400	69250	83050	88350	93950	90100	97850	93750	95850	132800	91400
Median	0	0	0	0	0	0	47850	50000	56750	59900	70450	71800	80900	69950	84450	84500	82000	104250	73750
Lower Quartile	0	0	0	0	0	0	44400	47950	50200	52700	62200	60800	68400	57800	67950	74600	73800	76150	60400
Lower Decile	0	0	0	0	0	0	41900	45900	45400	43300	49400	52700	58050	51800	62000	67450	57900	61950	50800
Mean	0	0	0	0	0	0	48950	51250	62900	60550	73550	75600	82000	73650	86550	86800	86100	106500	78400
Supporting Data																			
Total Number	0	1	1	2	1	3	12	28	51	169	165	156	148	82	73	80	94	153	1218
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	1	4	2	3	45	56
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: PETROLEUM, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37900	40800	43850	46950	50150	53300	56450	59600	62600	68300	75550	80950	84550	86750	87950	88500	88750	88800	69600
Upper Quartile	36250	38850	41400	44000	46500	48950	51300	53500	55650	59500	64200	67700	70150	71700	72650	73150	73400	73550	54300
Median	33100	35650	38050	40300	42400	44250	45950	47450	48750	50900	53050	54350	55150	55550	55750	55900	55900	55950	46650
Lower Quartile	31150	33200	35100	36850	38450	39850	41100	42150	43100	44600	46100	47000	47500	47750	47900	47950	47950	47950	39350
Lower Decile	29450	31250	32900	34300	35550	36600	37500	38250	38900	39800	40600	41000	41150	41250	41250	41250	41250	41250	34550
Mean	33400	35850	38200	40500	42650	44700	46600	48350	49950	52700	55800	57850	59150	59950	60350	60550	60650	60700	48850
Raw (Unsmoothed) Statistics																			
Upper Decile	38850	42050	41550	47550	51500	52650	54350	57850	55850	77100	80100	78500	86050	83050	76250	84350	70400	84800	69600
Upper Quartile	36900	39050	40050	43800	47950	49250	51800	52800	53500	59750	63600	72950	72000	71950	65650	64950	60650	81150	54300
Median	33900	35000	38200	37500	43300	43650	47800	49300	49350	50850	51450	52650	55950	59000	55100	51750	57800	59650	46650
Lower Quartile	32100	32250	35450	35100	37350	38750	43100	45050	43750	44800	45050	45600	50950	41250	40750	43050	52150	54450	39350
Lower Decile	30600	30200	32850	33000	33300	36500	39350	41550	38450	41550	41250	39350	43850	38800	38550	41700	42550	29100	34550
Mean	34450	35400	37650	39050	42800	44300	47750	49150	48700	54100	55500	56750	60850	59400	55800	56300	58100	63200	48850
Supporting Data																			
Total Number	131	117	218	141	177	194	169	206	133	383	254	207	155	45	42	27	50	53	2703
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	1	3

1989 ENGINEERING SALARY STATISTICS: PETROLEUM, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40250	42950	45800	48800	51950	55250	58650	65800	77000	88100	98200	106650	112950	117200	119650	121400	94650
Upper Quartile	0	0	39950	42150	44450	46900	49400	52050	54750	60400	69100	77550	85150	91350	95950	99000	100750	102000	76350
Median	0	0	37950	39800	41750	43750	45800	47900	50000	54200	60400	66100	70900	74700	77400	79100	80100	80800	58400
Lower Quartile	0	0	35250	37150	39100	40950	42800	44600	46350	49600	53900	57350	59950	61850	63100	63900	64300	64600	48400
Lower Decile	0	0	33350	34750	36150	37500	38900	40250	41600	44150	47650	50600	52950	54700	55900	56650	57100	57400	42300
Mean	0	0	37450	39400	41450	43600	45750	48000	50300	55000	61950	68500	74150	78700	81950	84050	85300	86150	64250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	36600	43550	52100	49200	50000	54450	57350	67050	80250	82750	89800	110700	112650	122100	121450	138750	94650
Upper Quartile	0	0	35750	42600	50800	48000	48400	52000	52300	58750	77450	73350	77600	93950	92400	112950	95750	114150	76350
Median	0	0	35150	41050	42700	46050	45800	46750	49000	53550	62650	64150	69100	78250	73900	96950	63850	92500	58400
Lower Quartile	0	0	34500	34650	39750	44150	42300	43450	47450	49050	55350	56100	56300	63900	60700	76550	58100	67600	48400
Lower Decile	0	0	34150	32800	35400	38500	38900	39400	44000	44300	48800	48850	47000	60300	57000	63000	51200	61600	42300
Mean	0	0	35200	38850	43850	45150	45150	47350	49450	54900	64650	65350	69200	81800	79500	95500	78850	95200	64250
Supporting Data																			
Total Number	2	4	15	18	25	48	37	64	48	129	98	80	97	90	50	50	45	31	931
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4	4	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: PETROLEUM, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	68100	79400	92000	104900	116750	126350	133100	137200	140150	119050
Upper Quartile	0	0	0	0	0	0	0	0	0	66500	73900	83050	92850	102000	109550	114900	118150	120500	101200
Median	0	0	0	0	0	0	0	0	0	60300	64950	71900	79900	87650	94150	98900	101750	103900	80300
Lower Quartile	0	0	0	0	0	0	0	0	0	56050	60950	66600	72200	77100	80900	83500	85050	86150	67200
Lower Decile	0	0	0	0	0	0	0	0	0	50450	56150	60900	64650	67400	69300	70450	71100	71550	58550
Mean	0	0	0	0	0	0	0	0	0	60700	67100	74850	83000	90500	96550	100850	103400	105250	85950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	68200	79350	90150	109400	117900	120200	123650	151450	150000	119050
Upper Quartile	0	0	0	0	0	0	0	0	0	64600	77550	78150	91650	104450	103650	116800	121100	121650	101200
Median	0	0	0	0	0	0	0	0	0	59750	66000	70450	77700	92550	84600	105400	96250	105000	80300
Lower Quartile	0	0	0	0	0	0	0	0	0	56100	61250	65300	70400	82300	72700	90650	76500	86650	67200
Lower Decile	0	0	0	0	0	0	0	0	0	49850	57500	58900	63000	69150	66600	77050	68300	66650	58550
Mean	0	0	0	0	0	0	0	0	0	60100	68350	72300	82800	93400	90350	103600	101700	106050	85950
Supporting Data																			
Total Number	0	1	0	0	0	0	2	3	5	15	36	26	32	50	28	37	18	21	275
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

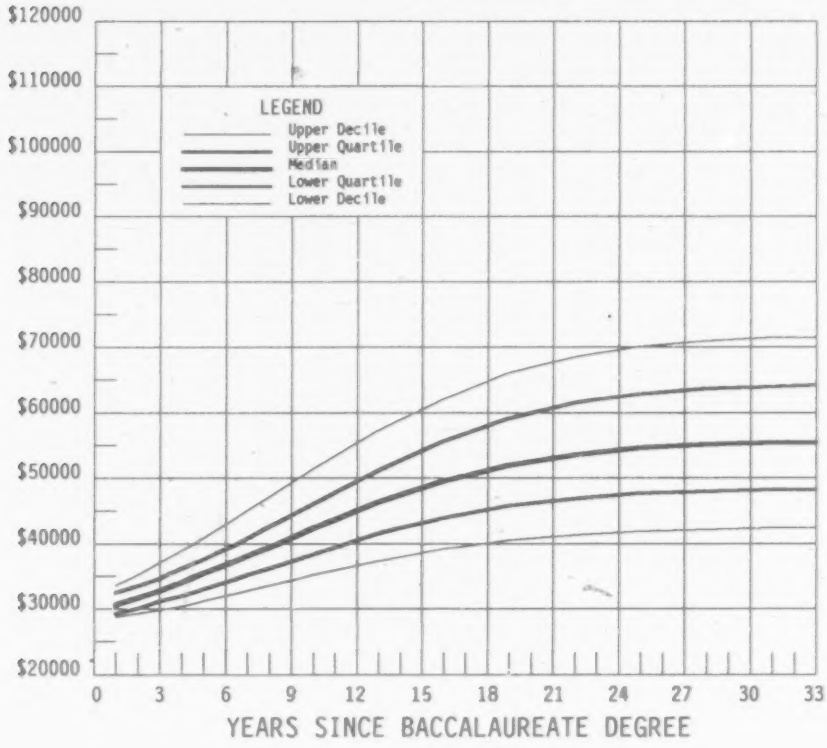
1989 ENGINEERING SALARY STATISTICS: PETROLEUM, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	38950	42350	45750	49200	52600	55950	59200	65250	72950	78700	82700	85150	86600	87300	87600	0	77000
Upper Quartile	0	0	38700	41600	44450	47250	49950	52600	55050	59600	65100	69050	71650	73200	74000	74400	74600	0	62050
Median	0	0	37150	39550	41850	44100	46200	48200	50100	53350	57250	60000	61800	62900	63550	63900	64050	0	51900
Lower Quartile	0	0	34900	37050	39150	41150	42950	44650	46150	48750	51500	53250	54300	54900	55200	55400	55500	0	46150
Lower Decile	0	0	33150	34650	36100	37500	38850	40100	41350	43600	46450	48650	50300	51500	52250	52700	53000	0	40100
Mean	0	0	36350	38950	41450	43950	46300	48550	50650	54400	58900	62150	64300	65700	66500	66950	67150	0	55150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	36600	43550	52100	49200	49900	54350	56050	65300	81450	82200	78300	79450	82350	89350	94350	0	77000
Upper Quartile	0	0	35750	42600	50800	48000	48400	51900	50900	57450	77250	67350	74450	74150	71350	80000	63550	0	62050
Median	0	0	35150	41050	42700	46050	45750	46650	48700	52850	59950	60400	62200	63900	59850	69350	60850	0	51900
Lower Quartile	0	0	34500	34650	39750	44150	41900	43600	47300	47600	51800	51750	51250	60950	57450	63200	52050	0	46150
Lower Decile	0	0	34150	32800	35400	38500	38750	39450	43400	43550	46750	48250	46000	56400	56050	60300	50600	0	40100
Mean	0	0	35200	38850	43850	45150	45000	47300	49350	54200	62500	62000	62550	67350	65600	71750	64950	0	55150
Supporting Data																			
Total Number	2	4	15	18	25	48	35	61	42	113	61	54	65	40	22	13	28	10	656
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: PETROLEUM, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	62050	70150	80350	91550	102400	111550	118250	122350	125400	105350
Upper Quartile	0	0	0	0	0	0	0	0	0	58300	68100	77700	86300	93350	98550	102000	104000	105450	84700
Median	0	0	0	0	0	0	0	0	0	54450	62350	70200	76800	81650	84750	86400	87200	87550	73600
Lower Quartile	0	0	0	0	0	0	0	0	0	52450	57400	64450	70450	74200	76100	76850	77150	77200	63500
Lower Decile	0	0	0	0	0	0	0	0	0	47950	53750	59150	63750	67350	69900	71500	72400	73000	53950
Mean	0	0	0	0	0	0	0	0	0	55300	62700	70450	77850	84200	89100	92400	94350	95750	77050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	59650	78650	75850	89500	99400	112900	132700	0	121800	105350
Upper Quartile	0	0	0	0	0	0	0	0	0	55950	76650	74150	79350	96900	94650	118750	0	102900	84700
Median	0	0	0	0	0	0	0	0	0	54500	62000	71250	72800	83500	82850	106900	0	75950	73600
Lower Quartile	0	0	0	0	0	0	0	0	0	53050	54700	68400	66650	77150	70800	86450	0	73650	63500
Lower Decile	0	0	0	0	0	0	0	0	0	48000	53350	60150	60200	70500	68500	72950	0	72250	53950
Mean	0	0	0	0	0	0	0	0	0	54800	64250	70100	74550	86000	86650	105100	0	89900	77050
Supporting Data																			
Total Number	1	0	1	0	1	3	1	3	3	25	34	54	28	34	39	22	6	21	273
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	2	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

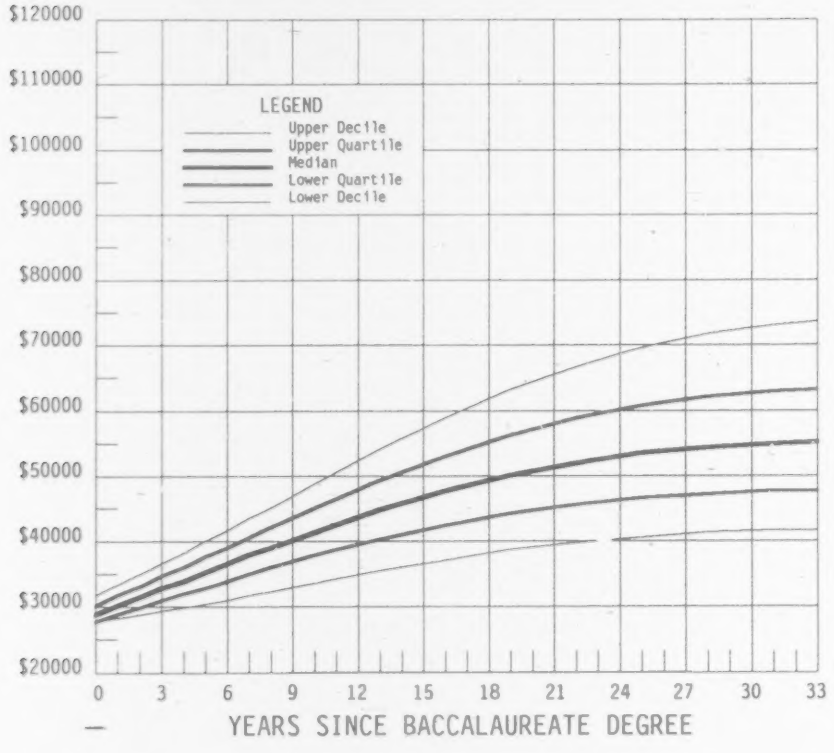
SALARY CURVES FOR ENGINEERS IN PRECISION INSTRUMENTS
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: PRECISION INSTRUMENTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	33600	35250	37050	38950	40900	42950	45050	47150	51350	57250	62250	66050	68650	70200	71050	71450	71650	61100
Upper Quartile	0	32550	33600	34800	36150	37650	39200	40900	42600	46100	51200	55650	59100	61500	62950	63700	64100	64250	51950
Median	0	30550	31650	32800	34050	35400	36750	38200	39600	42400	46350	49600	52000	53650	54650	55150	55400	55500	41600
Lower Quartile	0	29450	30250	31100	32050	33050	34100	35200	36300	38500	41500	43950	45750	47000	47700	48100	48250	48350	35150
Lower Decile	0	28900	29300	29800	30450	31150	31900	32700	33500	35100	37350	39150	40550	41450	41950	42250	42400	42450	30950
Mean	0	31450	32250	33200	34300	35500	36800	38200	39650	42600	46950	50700	53600	55600	56800	57450	57750	57900	44550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	33800	35950	0	37400	0	0	46100	46700	47900	62250	68600	0	63600	74800	66000	0	67600	61100
Upper Quartile	0	32000	35100	0	35500	0	0	40050	42900	44750	53550	57000	0	61000	63500	63000	0	62000	51950
Median	0	29450	33650	0	34200	0	0	37650	39500	41250	47650	48500	0	57500	53750	56000	0	54000	41600
Lower Quartile	0	28550	31850	0	32150	0	0	34500	35500	38300	43600	39250	0	53400	44750	48500	0	48500	35150
Lower Decile	0	28050	30750	0	30850	0	0	32300	32200	33400	41150	37150	0	41900	36600	44000	0	44200	30950
Mean	0	30550	34050	0	34100	0	0	37900	38850	41400	49400	49600	0	55650	56400	55100	0	58400	44550
Supporting Data																			
Total Number	6	12	11	9	13	9	9	13	11	27	33	17	8	13	13	10	5	22	241
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

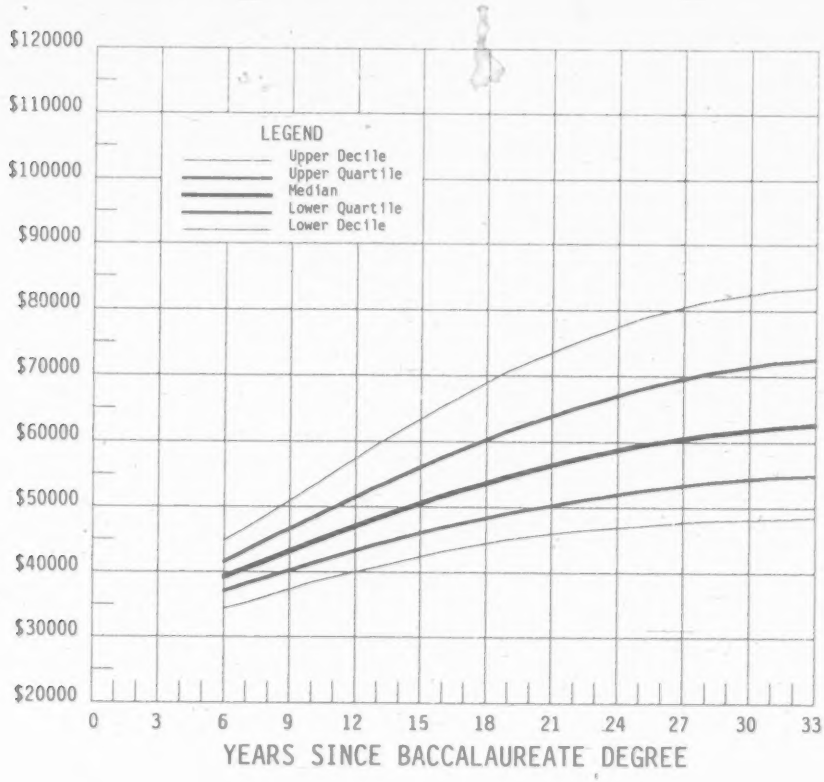
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS MANUFACTURING
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31650	33200	34850	36500	38200	39900	41650	43450	45200	48800	54000	58850	63150	66700	69550	71650	73100	74900	62250
Upper Quartile	30250	31650	33100	34550	36050	37550	39050	40550	42050	45050	49250	53050	56250	58850	60750	62150	63050	64050	53200
Median	28900	30150	31400	32700	33950	35250	36500	37800	39050	41450	44850	47750	50200	52100	53500	54450	55050	55700	43750
Lower Quartile	27700	28750	29800	30850	31900	32900	33950	34950	35900	37800	40350	42500	44250	45600	46600	47250	47700	48150	35600
Lower Decile	27700	28200	28700	29250	29850	30450	31050	31650	32300	33600	35450	37150	38600	39750	40650	41250	41600	41900	30800
Mean	29250	30450	31700	32900	34150	35450	36700	37950	39150	41600	45000	48000	50600	52700	54350	55550	56350	57400	45600
Raw (Unsmoothed) Statistics																			
Upper Decile	32400	32800	34100	36300	39300	40350	40950	43750	44500	48400	55200	57850	64100	66900	67950	71650	73700	74950	62250
Upper Quartile	31100	31550	32600	33950	36600	37650	38900	40400	41700	44650	49850	52000	57550	59600	60800	62750	63100	63200	53200
Median	29700	30450	31100	31850	33850	35150	36750	37400	38900	41150	45850	46700	50550	53000	53450	55400	55250	54850	43750
Lower Quartile	28750	29200	29800	30300	31100	32400	34150	34450	35800	37050	41300	41750	44850	47300	47150	48650	46600	47200	35600
Lower Decile	28200	28350	28650	28900	29450	30500	31300	31100	32300	33100	36200	36850	39500	40900	41700	42500	41300	39750	30800
Mean	30300	30650	31300	32300	34050	35350	36550	37600	38850	41050	46000	47050	51500	53700	54800	56350	56300	56300	45600
Supporting Data																			
Total Number	135	188	173	167	175	176	155	186	199	459	426	371	365	346	304	260	288	511	4884
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

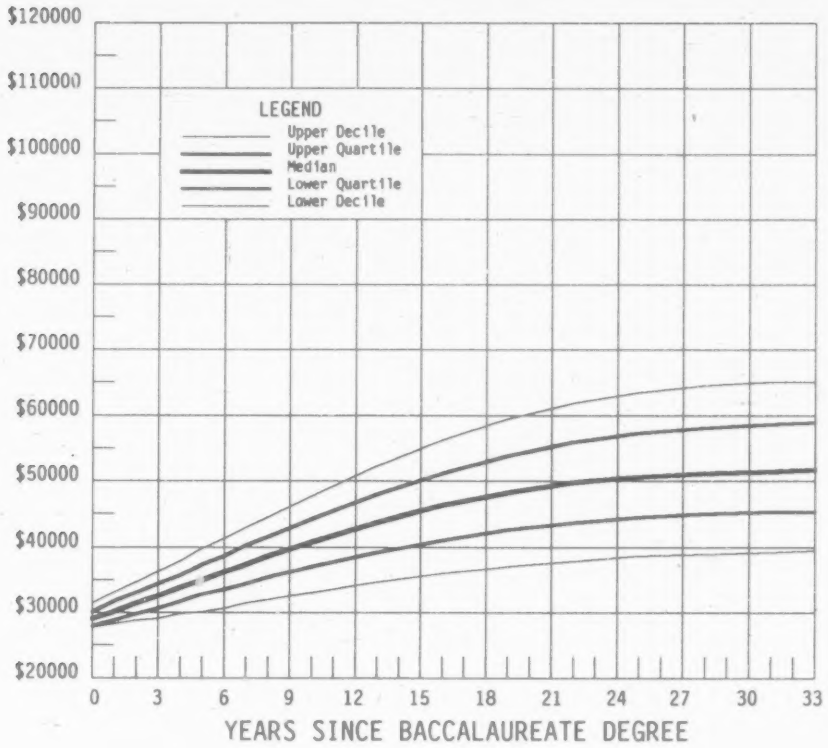
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS MANUFACTURING SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	44700	46800	48900	53100	59400	65350	70600	75050	78600	81200	83000	85200	75900
Upper Quartile	0	0	0	0	0	0	41650	43300	44950	48250	53100	57650	61700	65200	68050	70300	71950	74200	64400
Median	0	0	0	0	0	0	39250	40550	41900	44500	48250	51700	54750	57300	59350	61000	62200	63850	55150
Lower Quartile	0	0	0	0	0	0	37000	38100	39200	41300	44250	46900	49200	51050	52550	53750	54600	55700	47200
Lower Decile	0	0	0	0	0	0	34300	35300	36350	38300	40900	43150	44950	46300	47250	47900	48300	48700	41350
Mean	0	0	0	0	0	0	39650	41100	42500	45300	49300	53000	56250	59000	61200	62900	64150	65800	57050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	43250	46700	53150	51100	62100	62650	71550	75250	79350	78450	82850	86000	75900
Upper Quartile	0	0	0	0	0	0	40600	44000	45900	46600	56450	55150	62450	65250	66700	70100	71850	74850	64400
Median	0	0	0	0	0	0	38750	39500	42700	43700	50700	49500	54900	58100	60000	58850	61100	65000	55150
Lower Quartile	0	0	0	0	0	0	35850	36000	40750	41750	45700	44750	48900	51850	53100	53150	54300	55900	47200
Lower Decile	0	0	0	0	0	0	34350	33200	35800	38900	42450	41000	44550	47950	47000	45850	49650	48600	41350
Mean	0	0	0	0	0	0	38500	40100	43650	44700	51950	50650	56300	59400	61650	61350	63850	66450	57050
Supporting Data																			
Total Number	1	4	5	7	8	8	15	12	19	65	94	90	137	121	110	87	113	154	1050
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS MANUFACTURING NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	31600	33150	34700	36350	38000	39650	41300	42950	44600	47850	52350	56250	59450	61800	63450	64450	65000	65350	57400
Upper Quartile	30250	31650	33050	34450	35850	37300	38750	40150	41550	44300	48050	51300	53950	55950	57350	58250	58800	59250	49150
Median	28950	30150	31400	32600	33850	35050	36250	37450	38600	40850	43800	46350	48300	49750	50700	51300	51600	51750	40800
Lower Quartile	27900	28900	29850	30800	31750	32700	33600	34500	35350	37000	39250	41050	42550	43650	44400	44950	45250	45550	33850
Lower Decile	27850	28250	28700	29200	29750	30250	30800	31350	31900	33000	34600	35950	37100	38000	38650	39050	39300	39500	30300
Mean	29350	30500	31650	32850	34000	35200	36350	37500	38600	40750	43700	46200	48250	49850	51000	51750	52250	52750	42500
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	32150	32600	34150	36250	39050	40250	40800	43500	43800	47900	52000	56200	59600	61900	62550	65900	66350	64650	57400
Upper Quartile	31050	31500	32500	33850	36500	37500	38550	40300	40950	44100	48500	50850	54500	56750	56100	60300	59500	58300	49150
Median	29700	30400	31050	31700	33800	34950	36600	37300	38600	40350	45000	45750	48300	50400	50350	53800	50100	51350	40800
Lower Quartile	28750	29150	29800	30250	31000	32250	33900	34400	35500	36550	40000	40900	42750	44200	44700	47700	43200	45050	33850
Lower Decile	28200	28350	28650	28850	29350	30450	31100	31000	32000	32600	35050	36250	37700	38600	40150	41100	37400	37950	30300
Mean	30250	30600	31250	32150	33950	35250	36350	37400	38350	40450	44300	45900	48600	50650	50950	53850	51400	51950	42500
---------- Supporting Data ----------																			
Total Number	134	184	168	160	167	168	140	174	180	394	332	281	228	225	194	173	175	357	3834
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31600	33100	34600	36150	37700	39300	40900	42500	44100	47300	51850	56000	59550	62500	64750	66400	67500	68850	57750
Upper Quartile	30350	31650	33000	34400	35750	37150	38500	39900	41250	43900	47600	50900	53600	55750	57300	58400	59150	59900	49050
Median	29050	30250	31400	32600	33750	34950	36100	37250	38350	40500	43450	45950	48000	49550	50650	51400	51850	52300	40500
Lower Quartile	27950	28900	29800	30750	31650	32550	33450	34300	35150	36750	38950	40800	42300	43500	44400	45050	45500	46050	33550
Lower Decile	27900	28300	28700	29150	29600	30150	30700	31250	31850	33000	34650	36150	37350	38250	38900	39300	39500	39700	30200
Mean	29350	30500	31600	32750	33900	35050	36150	37250	38400	40500	43500	46100	48350	50100	51500	52500	53250	54100	42600
Raw (Unsmoothed) Statistics																			
Upper Decile	31950	32700	33750	36000	39250	39850	40650	43250	43600	46750	53000	53100	61800	63050	64300	65350	65650	69950	57750
Upper Quartile	31000	31500	32300	33800	36750	37450	38550	39850	40800	43750	48800	48550	54400	56650	57600	59200	59050	59400	49050
Median	29650	30400	30950	31700	34050	34850	36600	36950	38350	40400	44600	44450	48000	50900	50500	51850	51400	52150	40500
Lower Quartile	28750	29150	29650	30200	30850	32100	34150	34000	35300	36500	39700	39550	42900	45050	44600	46900	44050	45600	33550
Lower Decile	28200	28350	28600	28850	29200	30350	30950	30900	32200	32650	35200	35700	38150	38700	41050	40450	39050	38000	30200
Mean	30100	30600	31100	32100	34000	35050	36350	37100	38250	40300	44500	44350	49100	51250	52100	53300	52550	53600	42600
Supporting Data																			
Total Number	132	180	158	150	151	148	132	156	164	348	272	217	231	196	164	143	185	351	3478
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	45950	46800	47900	50750	56050	61900	67550	72350	75950	78300	79650	80500	71200
Upper Quartile	0	0	0	0	0	0	42500	43850	45200	47850	51750	55300	58550	61350	63700	65600	67100	69300	60700
Median	0	0	0	0	0	0	39400	40600	41750	44050	47300	50300	52900	55100	56900	58350	59450	60950	52650
Lower Quartile	0	0	0	0	0	0	37250	38000	38800	40500	43250	45850	48150	50000	51300	52150	52650	53000	44700
Lower Decile	0	0	0	0	0	0	34050	35000	35950	37700	40150	42250	43950	45300	46250	46950	47400	47950	39350
Mean	0	0	0	0	0	0	39650	40900	42100	44500	48000	51200	54050	56500	58500	60150	61400	63200	54000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	43250	46700	53600	50300	58250	57500	67150	72950	76400	77200	78250	83250	71200
Upper Quartile	0	0	0	0	0	0	40600	44000	50000	46350	54400	51600	59500	62850	64450	65000	63150	71350	60700
Median	0	0	0	0	0	0	38750	39500	42700	43650	49800	47600	53100	55750	58450	56300	57400	62400	52650
Lower Quartile	0	0	0	0	0	0	35850	36000	41000	41600	44600	42700	47200	51100	51700	49850	53050	54500	44700
Lower Decile	0	0	0	0	0	0	34350	33200	35200	38400	41750	39100	43800	48150	46100	44100	48150	48150	39350
Mean	0	0	0	0	0	0	38500	40100	43900	44400	50050	47700	54350	57550	59800	58700	60200	63900	54000
Supporting Data																			
Total Number	1	4	5	7	8	8	15	12	16	57	65	55	95	68	57	51	73	104	701
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31600	33050	34500	36000	37500	39000	40500	41950	43450	46200	50050	53200	55700	57450	58600	59250	59550	59550	52150
Upper Quartile	30450	31700	32950	34250	35500	36800	38050	39300	40500	42850	46000	48700	50850	52500	53600	54350	54750	55100	45500
Median	29150	30250	31400	32500	33600	34700	35750	36800	37850	39750	42300	44450	46050	47250	48000	48500	48700	48850	38000
Lower Quartile	28150	29000	29850	30650	31500	32300	33100	33850	34600	35950	37850	39400	40650	41600	42300	42750	43100	43450	32050
Lower Decile	27950	28300	28700	29100	29550	30000	30500	30950	31450	32350	33700	34900	35850	36600	37100	37450	37650	37800	29800
Mean	29500	30550	31600	32650	33700	34750	35750	36750	37700	39550	42050	44150	45800	47050	47950	48550	48900	49300	39750
Raw (Unsmoothed) Statistics																			
Upper Decile	31900	32500	33750	35950	39000	39650	40350	42750	42850	46200	50250	51450	55200	58050	57550	61600	59950	59450	52150
Upper Quartile	30950	31450	32100	33600	36700	37250	38000	39600	40300	43050	46850	47200	49750	53250	52850	55350	53500	55750	45500
Median	29650	30350	30900	31550	34050	34600	36450	36800	38000	39500	43350	43650	45300	48300	48000	49700	46450	49300	38000
Lower Quartile	28700	29100	29650	30150	30750	31900	33900	33850	35050	36000	38450	38400	40150	42200	42950	44500	41750	43300	32050
Lower Decile	28150	28350	28600	28800	29150	30300	30700	30750	31950	32000	34300	34550	35600	37200	38850	39200	36100	37050	29800
Mean	30100	30550	31050	32000	33900	34850	36050	36850	37650	39500	42800	43200	45450	47900	47950	50250	47550	49250	39750
Supporting Data																			
Total Number	131	176	153	143	143	140	117	144	148	291	207	162	136	128	107	92	112	247	2777
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	36000	37600	39250	40900	42600	44300	46000	49400	54450	59200	63550	67250	70300	72700	74500	77000	65950
Upper Quartile	0	0	34250	35650	37050	38450	39900	41350	42800	45650	49850	53800	57350	60400	62950	65000	66550	68750	57300
Median	0	0	32200	33500	34850	36200	37550	38850	40200	42750	46350	49500	52150	54200	55700	56750	57450	58150	48950
Lower Quartile	0	0	30550	31750	32900	34100	35250	36400	37500	39650	42550	45000	46950	48400	49400	50050	50400	50700	41850
Lower Decile	0	0	29750	30450	31150	31900	32650	33450	34200	35750	38000	39900	41500	42700	43550	44100	44400	44600	35100
Mean	0	0	32450	33750	35050	36350	37650	39000	40300	42850	46450	49700	52500	54750	56550	57850	58800	59950	50350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	37000	37550	37400	41500	43000	44450	43800	48700	57200	59500	65200	64250	66350	73400	75050	79400	65950
Upper Quartile	0	0	35500	35850	34900	37900	40600	42100	42600	45650	50600	53800	57850	59650	61200	63200	69650	69150	57300
Median	0	0	33250	33400	33400	35850	37800	39650	40550	42250	47200	49500	52400	54100	53600	55800	60550	58000	48950
Lower Quartile	0	0	31400	31600	32450	34050	33900	37400	38500	38400	44250	44500	47700	47550	47750	51000	52350	50250	41850
Lower Decile	0	0	30250	30350	31550	32250	32500	34700	31700	34050	39600	40600	42900	42250	41900	45300	45050	43500	35100
Mean	0	0	33400	33750	34050	36100	37750	39600	39800	41950	47950	49650	53200	54000	54450	57450	61050	60100	50350
Supporting Data																			
Total Number	3	8	15	17	23	25	23	27	27	91	122	121	88	107	95	76	74	112	1054
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	73500	67500	68300	71950	76600	81050	84500	88000	77750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	61900	60000	61250	64150	67700	71200	74150	77700	67650
Median	0	0	0	0	0	0	0	0	0	0	54150	53950	55400	57700	60400	63000	65200	68100	58800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	48150	48600	50050	51950	53900	55650	57000	58550	51400
Lower Decile	0	0	0	0	0	0	0	0	0	0	45750	45100	45400	46400	47700	49100	50450	52600	45650
Mean	0	0	0	0	0	0	0	0	0	0	56400	55000	56100	58500	61450	64300	66600	69400	60550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	74150	65600	71450	70800	76200	79200	86750	87750	77750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	62000	58650	64650	63200	65300	73000	73850	78600	67650
Median	0	0	0	0	0	0	0	0	0	0	54500	52550	57150	58750	59500	59000	66000	69650	58800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	47750	48800	51250	52050	51750	53900	60600	58200	51400
Lower Decile	0	0	0	0	0	0	0	0	0	0	45050	45200	47400	46300	45900	46600	53450	52700	45650
Mean	0	0	0	0	0	0	0	0	0	0	56350	54250	58050	58700	59350	62900	68300	70000	60550
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	3	8	24	32	34	43	39	26	33	39	281
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	36500	37900	39300	40750	42200	43600	45050	47900	52000	55850	59250	62200	64650	66600	68100	70200	59250
Upper Quartile	0	0	34200	35600	37000	38450	39850	41200	42600	45250	48950	52150	54750	56800	58250	59250	59900	60500	52900
Median	0	0	32300	33600	34900	36200	37450	38700	39950	42300	45550	48250	50400	51950	53000	53650	54000	54200	46150
Lower Quartile	0	0	30650	31800	32900	34050	35100	36200	37200	39150	41700	43750	45300	46350	47000	47350	47500	47450	39450
Lower Decile	0	0	30000	30600	31200	31850	32500	33200	33850	35250	37200	38900	40250	41250	41950	42350	42600	42750	33650
Mean	0	0	32600	33850	35050	36250	37450	38650	39800	42050	45150	47800	49950	51600	52850	53650	54200	54750	46600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	37000	37550	37400	41500	43000	44450	43550	48300	52450	56750	58300	60500	62400	66000	71800	70800	59250
Upper Quartile	0	0	35500	35850	34900	37900	40600	42100	42350	45350	49250	52400	54850	56400	56000	59400	61850	60650	52900
Median	0	0	33250	33400	33400	35850	37800	39650	40350	41950	46450	48300	50350	50500	51200	54900	55600	54250	46150
Lower Quartile	0	0	31400	31600	32450	34050	33900	37400	38350	37950	43300	43200	45750	45200	45800	49250	48250	47100	39450
Lower Decile	0	0	30250	30350	31550	32250	32500	34700	31400	33700	38700	39650	41700	41150	39600	44000	42100	42000	33650
Mean	0	0	33400	33750	34050	36100	37750	39600	39450	41500	45900	48000	50150	50900	51050	54600	55150	54800	46600
Supporting Data																			
Total Number	3	8	15	17	23	25	23	27	24	83	98	89	54	64	56	50	41	73	773
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

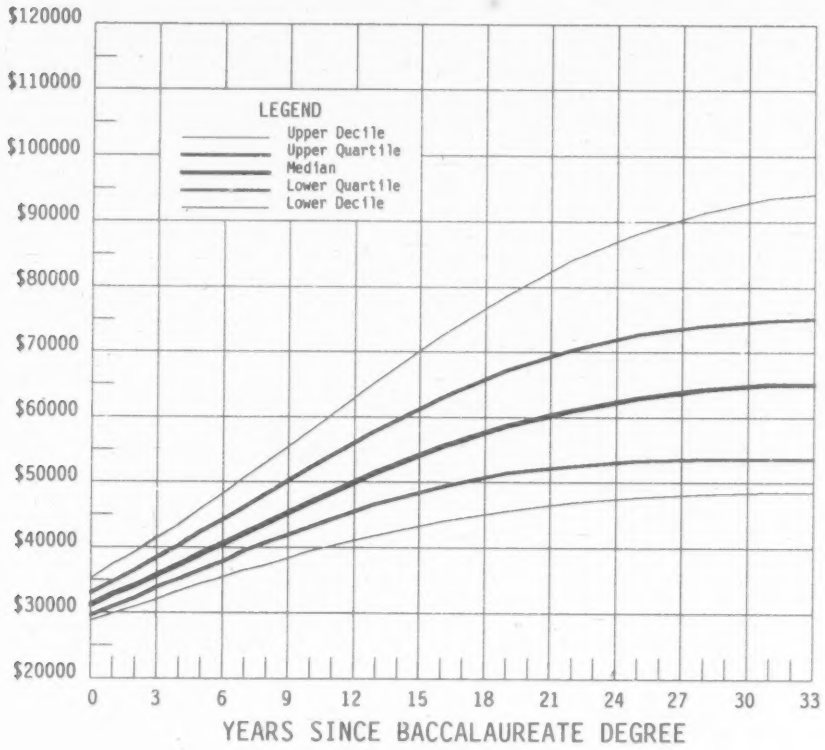
1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	54400	60900	66800	71800	75650	78450	80200	81200	81900	75450
Upper Quartile	0	0	0	0	0	0	0	0	0	53550	56200	60200	64450	68100	70800	72550	73500	74050	67300
Median	0	0	0	0	0	0	0	0	0	48850	51400	54950	58450	61300	63300	64500	65150	65500	59700
Lower Quartile	0	0	0	0	0	0	0	0	0	46550	48250	51000	53850	56300	58050	59150	59750	60100	53450
Lower Decile	0	0	0	0	0	0	0	0	0	44400	45000	46500	49200	51600	53350	54450	55050	55350	47650
Mean	0	0	0	0	0	0	0	0	0	49600	51950	55700	59600	62900	65250	66700	67450	67900	61150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	56000	59850	63750	73850	75600	82500	75100	85500	81000	75450
Upper Quartile	0	0	0	0	0	0	0	0	0	53750	56000	59900	63700	70100	72750	70500	73000	73600	67300
Median	0	0	0	0	0	0	0	0	0	49500	50000	55800	58650	62900	62000	64750	66000	64500	59700
Lower Quartile	0	0	0	0	0	0	0	0	0	47000	47600	50400	55100	57550	56100	59300	61300	59350	53450
Lower Decile	0	0	0	0	0	0	0	0	0	44750	44200	45700	49750	52300	53200	56850	55700	52700	47650
Mean	0	0	0	0	0	0	0	0	0	50050	51200	55400	60200	64200	65600	65050	68250	67300	61150
Supporting Data																			
Total Number	0	0	0	0	1	3	0	3	8	20	32	33	46	43	45	41	29	48	352
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	56050	58150	61950	66150	69900	72800	74750	75850	76600	70350
Upper Quartile	0	0	0	0	0	0	0	0	0	53550	55250	58250	61400	64200	66350	67700	68500	69000	63500
Median	0	0	0	0	0	0	0	0	0	49000	51150	54200	57250	59750	61500	62550	63100	63400	57900
Lower Quartile	0	0	0	0	0	0	0	0	0	46750	47700	50100	52800	55150	56900	58000	58600	58950	51700
Lower Decile	0	0	0	0	0	0	0	0	0	43750	44400	45700	48350	50700	52350	53350	53850	54150	47050
Mean	0	0	0	0	0	0	0	0	0	49700	51150	54050	57200	59950	61950	63250	63950	64400	58150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	56000	58300	62000	65200	70950	74550	73200	75600	76600	70350
Upper Quartile	0	0	0	0	0	0	0	0	0	53750	54700	58750	61000	65500	65650	67100	69000	69000	63500
Median	0	0	0	0	0	0	0	0	0	49500	49800	55150	57700	60650	59600	63000	64000	62900	57900
Lower Quartile	0	0	0	0	0	0	0	0	0	47000	47300	49500	53900	56150	54600	58550	60350	58150	51700
Lower Decile	0	0	0	0	0	0	0	0	0	44750	43100	45500	49300	51300	50300	56500	53600	52550	47050
Mean	0	0	0	0	0	0	0	0	0	50050	50350	54250	57650	60900	61000	63200	64100	64100	58150
Supporting Data																			
Total Number	0	0	0	0	1	3	0	3	8	20	27	30	38	33	31	31	22	37	284
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

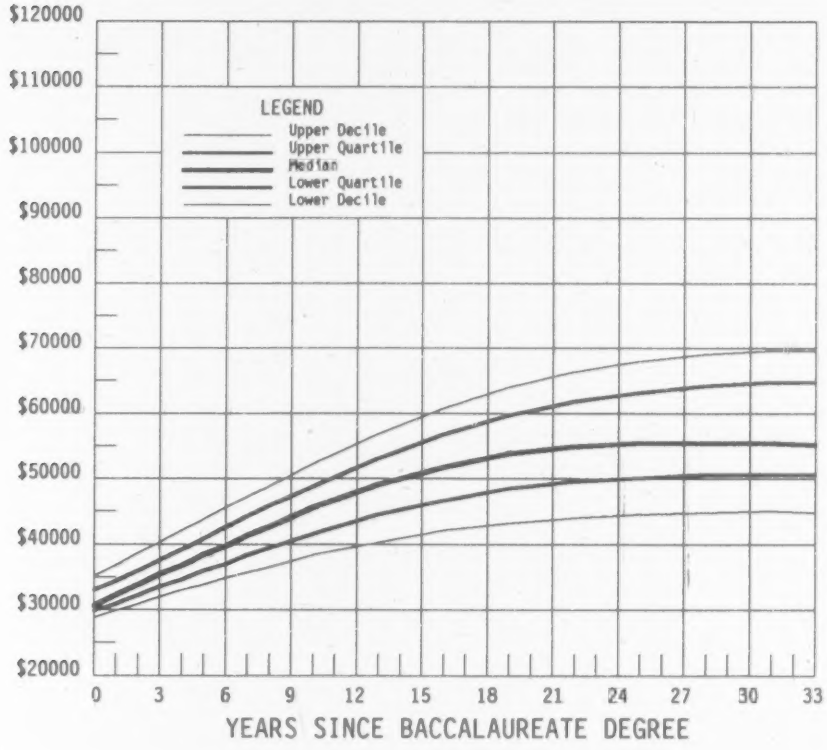
SALARY CURVES FOR ENGINEERS IN OTHER NONDURABLE GOODS MANUFACTURING
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35250	37250	39300	41400	43600	45900	48200	50600	53050	57950	65400	72450	78800	84150	88350	91450	93550	96000	74850
Upper Quartile	33000	34750	36600	38450	40350	42300	44250	46250	48250	52200	57850	62950	67150	70400	72700	74150	75000	75600	61100
Median	31200	32700	34250	35800	37400	39000	40600	42200	43800	47000	51450	55350	58600	61150	62950	64200	64950	65600	50500
Lower Quartile	29600	31000	32400	33800	35200	36600	38000	39400	40750	43300	46650	49400	51350	52650	53350	53600	53600	53150	41000
Lower Decile	28800	29900	31000	32100	33200	34300	35400	36450	37450	39350	41950	44050	45700	46900	47650	48150	48400	48550	33700
Mean	31800	33300	34900	36500	38100	39750	41450	43100	44750	48050	52750	57000	60600	63450	65600	67100	68050	69100	53250
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33900	35000	38300	42600	45800	49400	49100	51650	55400	60650	69600	66600	71200	90500	75850	87750	90000	113100	74850
Upper Quartile	31800	32650	35400	39500	42900	46250	46850	48250	49250	51800	60400	59250	62000	73250	69650	73650	70000	83450	61100
Median	30900	31100	33800	35800	38000	41000	42900	42500	44000	47950	52000	54900	54800	62000	61500	61650	60650	72300	50500
Lower Quartile	30050	30000	31900	34600	35800	35250	38750	39050	39750	44200	47300	48700	48800	54650	54100	54300	52600	53250	41000
Lower Decile	28850	28800	30450	33400	34500	34200	36350	32900	38100	41200	39800	44300	42800	48900	50100	50550	45500	48350	33700
Mean	31450	31600	34050	36950	39450	41000	42700	43950	45400	49650	53600	55150	56050	65950	62850	64850	66500	74600	53250
---------- Supporting Data ----------																			
Total Number	21	20	19	24	22	14	25	19	22	55	42	57	44	39	31	39	30	49	572
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN OTHER NONDURABLE GOODS MANUFACTURING NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35250	36900	38600	40300	42000	43750	45500	47200	48900	52200	56800	60750	63950	66300	67950	69000	69550	69950	60650
Upper Quartile	33000	34500	36100	37700	39300	40900	42550	44150	45750	48800	53100	56750	59650	61800	63300	64200	64700	64950	52900
Median	30800	32300	33800	35350	36850	38350	39850	41350	42750	45500	49000	51800	53750	54900	55450	55550	55400	54700	45400
Lower Quartile	29850	31050	32300	33550	34800	36000	37200	38400	39550	41700	44500	46800	48450	49600	50250	50550	50650	50450	36900
Lower Decile	28900	29900	30950	31950	32950	33900	34850	35800	36650	38300	40400	42100	43300	44100	44600	44850	44950	44800	32050
Mean	31700	33100	34450	35850	37250	38650	40050	41400	42700	45250	48650	51500	53650	55200	56200	56750	57000	57050	46050
Raw (Unsmoothed) Statistics																			
Upper Decile	34400	35200	36800	42050	43400	0	48800	49100	51650	52250	55400	58250	61600	65200	65000	63900	69600	77600	60650
Upper Quartile	31900	33000	35200	38950	41400	0	45900	45100	46450	48750	52000	55000	57500	61750	60500	61400	61350	72000	52900
Median	31000	31150	33500	35700	37500	0	41750	40600	42500	45950	48800	50600	52250	54900	56500	55600	56000	55000	45400
Lower Quartile	30100	29800	31500	34550	35400	0	38300	38200	39400	42900	42500	45700	47500	50400	51300	51700	50000	50500	36900
Lower Decile	28900	28700	30300	33300	34300	0	36150	37300	37800	39500	36800	41600	41600	47700	48500	47300	42800	43700	32050
Mean	31650	31700	33700	36700	38200	0	42050	40850	43300	45950	47600	49800	52500	56100	55950	55950	55550	59350	46050
Supporting Data																			
Total Number	18	18	16	23	18	9	22	13	19	35	24	32	22	17	15	21	16	28	366
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

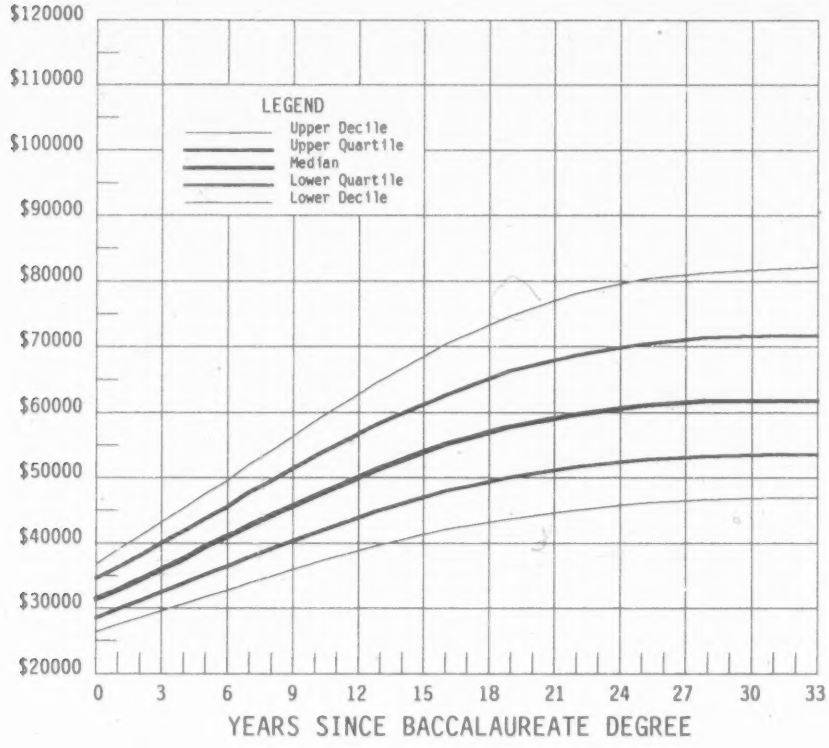
1989 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34600	36550	38550	40650	42800	45000	47300	49700	52100	57050	64550	71900	78700	84650	89550	93350	96100	99600	74350
Upper Quartile	32750	34500	36300	38100	40000	41950	43900	45850	47850	51800	57500	62650	67000	70450	72950	74650	75650	76550	57900
Median	31150	32600	34100	35600	37150	38700	40250	41800	43400	46400	50700	54500	57650	60150	61950	63150	63900	64650	48000
Lower Quartile	29650	31000	32300	33650	35000	36350	37650	38950	40200	42600	45700	48200	50000	51150	51800	52050	52050	51700	38850
Lower Decile	28800	29900	31000	32100	33150	34200	35250	36250	37250	39100	41500	43450	44950	45950	46650	47000	47150	47150	32100
Mean	31550	33050	34600	36150	37750	39400	41050	42700	44350	47600	52300	56550	60200	63200	65450	67100	68200	69450	51450
Raw (Unsmoothed) Statistics																			
Upper Decile	33000	34400	35900	42800	46000	49700	49500	51500	54200	57600	71800	65600	65600	89500	74800	91500	94000	118750	74350
Upper Quartile	31650	31900	35000	39900	42500	47000	47550	47400	47000	50750	62250	58900	58000	74350	68000	75000	71350	85400	57900
Median	30850	30900	33350	35800	37600	41000	44900	41750	42500	47000	52350	54500	51800	59350	58650	63000	58000	72500	48000
Lower Quartile	30000	29800	31350	34550	35600	35350	38950	38550	39200	43600	47750	46750	47400	51900	52000	52250	51100	52850	38850
Lower Decile	28800	28700	30150	33200	34400	34150	36700	32500	37200	41600	41300	42800	42200	47150	48800	46100	44300	49250	32100
Mean	30900	31350	33600	37050	39100	41100	43400	43550	44400	48300	55300	54350	53300	64850	61200	64700	67600	75600	51450
Supporting Data																			
Total Number	20	18	12	22	20	12	17	15	16	36	31	42	26	21	16	17	22	35	398
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35350	36900	38500	40100	41750	43400	45050	46650	48250	51400	55750	59550	62700	65150	66900	68100	68850	69600	56750
Upper Quartile	32550	34100	35650	37250	38850	40450	42050	43650	45200	48250	52400	55950	58750	60750	62100	62900	63250	63350	50900
Median	30750	32200	33700	35200	36650	38150	39600	41000	42350	44950	48250	50800	52500	53450	53800	53800	53500	52650	43850
Lower Quartile	29700	30950	32200	33450	34700	35950	37150	38300	39450	41550	44250	46300	47750	48650	49050	49150	49050	48550	35350
Lower Decile	29050	30100	31100	32100	33100	34100	35000	35950	36800	38450	40500	42150	43300	44050	44500	44700	44750	44600	31250
Mean	31450	32800	34200	35600	37000	38350	39750	41100	42400	44850	48150	50850	52850	54200	55000	55400	55550	55350	44100
Raw (Unsmoothed) Statistics																			
Upper Decile	33300	34800	41000	42350	43100	0	49400	0	48800	52250	52700	57600	58800	0	60000	0	63600	78550	56750
Upper Quartile	31750	32000	35000	39300	40000	0	46600	0	45500	48650	51100	54500	54100	0	58000	0	57000	71000	50900
Median	30900	30850	33000	35650	37000	0	44000	0	41000	45700	48000	49000	51100	0	53000	0	52250	54500	43850
Lower Quartile	30050	29600	31000	34500	35200	0	38400	0	38900	43100	42500	45000	47400	0	50500	0	45100	50750	35350
Lower Decile	28850	28650	30000	33100	34250	0	36400	0	36800	41250	38600	39200	41900	0	47000	0	41300	47150	31250
Mean	31000	31400	33550	36800	37700	0	42550	0	42300	46150	47350	48600	50750	0	53600	0	51850	59250	44100
Supporting Data																			
Total Number	17	16	10	21	16	7	14	9	14	25	14	24	13	9	10	7	11	21	258
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

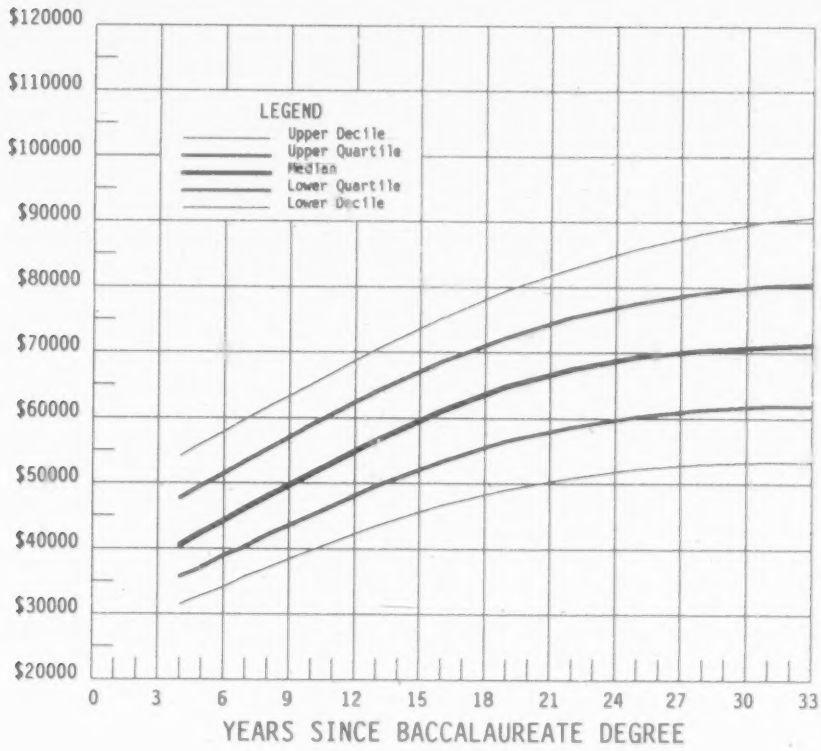
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Total
Smooth Curve Data																			
Upper Decile	36900	38900	40950	43100	45250	47450	49700	51950	54200	58600	64900	70350	74800	78050	80200	81450	82000	82100	70800
Upper Quartile	34550	36350	38150	40000	41900	43800	45700	47600	49500	53250	58400	62800	66300	68850	70500	71400	71850	71850	59950
Median	31350	32900	34500	36100	37700	39350	40950	42600	44200	47300	51550	55100	57900	59850	61100	61750	62000	61900	50100
Lower Quartile	28550	29850	31200	32550	33900	35250	36600	37900	39200	41700	45150	47950	50200	51750	52750	53350	53600	53600	40900
Lower Decile	26300	27350	28500	29600	30700	31800	32900	33950	35000	37050	39750	42050	43850	45200	46100	46650	46950	47150	33900
Mean	31700	33250	34800	36400	38050	39650	41300	42900	44550	47650	52000	55750	58750	60950	62450	63350	63850	64050	51600
Raw (Unsmoothed) Statistics																			
Upper Decile	33800	39150	40700	43450	46500	48250	51400	52800	55750	59300	63700	68050	73400	76100	80900	82750	82300	84250	70800
Upper Quartile	32600	35050	38600	40100	42700	44350	47250	48500	51000	53950	57550	60950	64650	67450	70750	72000	72500	73750	59950
Median	30650	32300	34250	35850	37850	39550	42050	42900	45250	48200	51000	54150	56550	59100	60600	61750	62500	63400	50100
Lower Quartile	28300	29650	30850	32550	33750	35450	37250	37850	39950	42200	44800	47450	49450	51300	53350	53200	53750	54100	40900
Lower Decile	26500	27600	27900	29800	30200	31950	32850	34050	35350	37400	39550	41850	43250	45350	46750	46550	47150	47050	33900
Mean	30650	32850	34650	36450	38350	39900	42200	43250	45550	48350	51500	54700	57550	60100	62800	63750	64050	65200	51600
Supporting Data																			
Total Number	1028	1213	1729	1912	1922	1886	2194	2235	2302	5900	5317	4869	4379	3596	3086	2819	2467	3787	52643
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	4	11	12	7	35	72
Less Than $22000	6	7	14	4	2	8	3	1	0	2	0	0	0	1	0	2	1	0	51

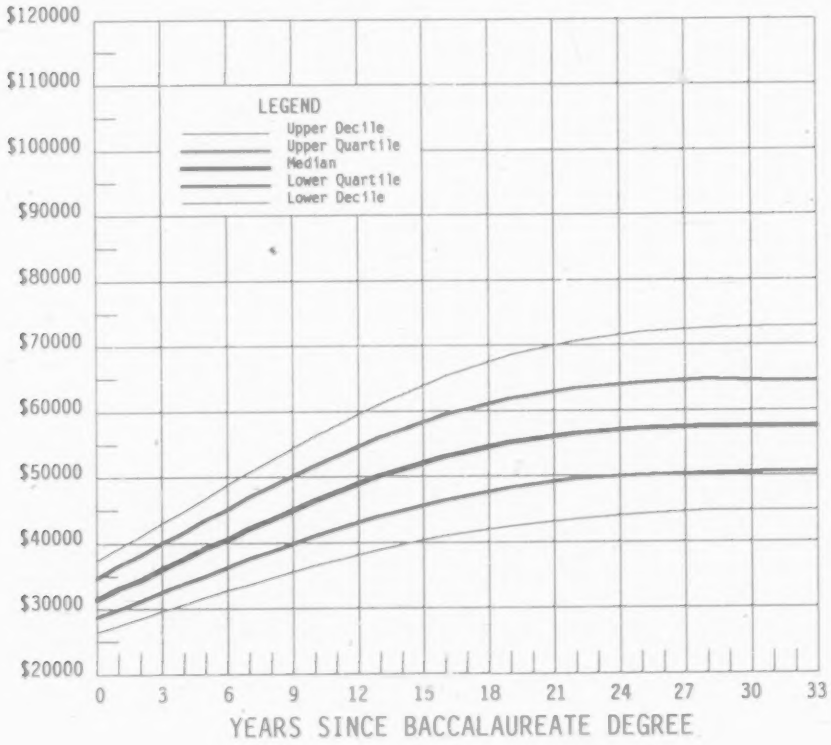
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	54250	56100	57950	59800	61600	65200	70400	75150	79350	82950	85950	88300	90100	92700	81800
Upper Quartile	0	0	0	0	47800	49700	51550	53450	55300	58950	64100	68600	72400	75400	77650	79200	80200	81350	72400
Median	0	0	0	0	40550	42400	44250	46100	47950	51550	56650	61100	64700	67400	69250	70400	71000	71350	62600
Lower Quartile	0	0	0	0	35600	37200	38800	40400	42000	45150	49550	53400	56500	58800	60400	61350	61850	62100	53050
Lower Decile	0	0	0	0	31500	32900	34250	35650	37050	39700	43400	46600	49150	51000	52200	52950	53300	53350	44250
Mean	0	0	0	0	41950	43700	45400	47100	48800	52150	56900	61150	64700	67550	69700	71200	72200	73300	63400
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	54700	51300	57550	59550	63300	67250	70050	73750	78700	81750	88200	91250	89250	90900	81800
Upper Quartile	0	0	0	0	45900	45800	51200	51300	58350	61500	63950	67300	72050	74200	78400	80600	79000	81200	72400
Median	0	0	0	0	38350	41950	43500	43400	49350	53400	57450	60450	63650	66200	69650	71300	70250	71500	62600
Lower Quartile	0	0	0	0	33300	37300	40700	37800	42900	46150	49250	53400	56250	58000	60950	61800	61150	61900	53050
Lower Decile	0	0	0	0	28650	33150	35500	33950	38750	40750	42950	45750	49150	50600	52950	53850	53850	52200	44250
Mean	0	0	0	0	40200	42250	45400	45400	50250	53700	57000	60300	64300	66500	70650	72450	71400	72800	63400
---------- Supporting Data ----------																			
Total Number	6	4	24	45	93	137	217	285	329	1197	1367	1678	1606	1438	1185	1115	991	1467	13198
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	3	8	9	6	26	54
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	5

SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	37300	39150	41000	42950	44850	46800	48750	50650	52550	56200	61150	65250	68400	70600	71900	72550	72750	72450	62800
Upper Quartile	34750	36450	38200	39950	41700	43450	45200	46900	48600	51800	56050	59500	61950	63550	64400	64700	64600	64000	55050
Median	31450	32950	34500	36000	37550	39100	40600	42100	43550	46350	50050	53000	55200	56600	57350	57650	57600	57100	46850
Lower Quartile	28700	29950	31250	32500	33800	35050	36350	37550	38750	41050	44050	46500	48300	49500	50200	50500	50600	50350	38750
Lower Decile	26450	27500	28550	29600	30650	31700	32700	33700	34650	36500	38950	40950	42450	43550	44300	44700	44900	44950	32650
Mean	31900	33350	34800	36300	37800	39300	40800	42250	43700	46400	50100	53150	55400	57000	57950	58450	58600	58450	47650
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33800	39100	40650	43400	46350	48100	50700	52350	54450	56500	59700	62500	66350	67900	72250	71800	74350	76200	62800
Upper Quartile	32600	35050	38600	40050	42600	44200	47050	48200	50200	52500	55100	57300	59400	61900	63450	64150	66000	67300	55050
Median	30700	32300	34200	35800	37850	39400	41750	42800	44700	47200	49500	51650	53400	55350	57000	57050	58250	59200	46850
Lower Quartile	28300	29650	30850	32600	33750	35350	37000	37850	39500	41500	43850	45750	46950	48800	50600	50250	50600	51400	38750
Lower Decile	26500	27600	27950	29850	30400	31900	32650	34100	35050	36800	38700	40900	41450	43850	44550	44400	44500	45400	32650
Mean	30600	32850	34600	36400	38250	39750	41850	42950	44800	47000	49600	51750	53650	55800	58000	58000	59150	60450	47650
---------- Supporting Data ----------																			
Total Number	1022	1209	1704	1864	1828	1748	1975	1948	1976	4702	3947	3189	2770	2156	1902	1701	1475	2321	39448
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	3	1	9	18
Less Than $22000	6	7	12	4	2	8	3	1	0	2	0	0	0	0	0	1	1	0	47

1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34950	36800	38700	40700	42700	44750	46850	48900	51000	55100	60950	66100	70300	73450	75550	76850	77500	77800	65500
Upper Quartile	32700	34300	35950	37650	39350	41100	42800	44550	46300	49650	54400	58550	61900	64400	66100	67200	67800	68150	55450
Median	30600	32000	33350	34750	36150	37550	38950	40350	41750	44400	48100	51300	53900	55900	57300	58250	58800	59300	45400
Lower Quartile	28150	29300	30450	31600	32750	33900	35000	36150	37250	39350	42250	44750	46800	48350	49500	50300	50800	51300	36900
Lower Decile	26050	27000	27900	28850	29800	30700	31600	32500	33400	35100	37400	39450	41150	42500	43550	44300	44800	45450	31600
Mean	30700	32050	33450	34900	36300	37750	39200	40650	42050	44850	48700	52150	54950	57150	58750	59850	60550	61250	47400
Raw (Unsmoothed) Statistics																			
Upper Decile	33750	36950	39400	40350	42950	45100	46950	49050	51550	56100	61100	65350	68950	70550	73300	77450	78500	79650	65500
Upper Quartile	32500	34400	35750	37200	39350	40850	43450	44550	46600	50600	54550	58250	61050	62700	63900	66400	69100	69450	55450
Median	30600	31900	32950	34600	35950	37450	39600	40700	42300	45100	47800	51050	53000	54750	56750	57850	59450	60000	45400
Lower Quartile	28300	29400	30000	31550	32250	34000	35250	36100	38000	39700	42250	44550	46100	48050	49400	50000	51200	51400	36900
Lower Decile	26450	27350	27250	29050	29150	30550	31650	32500	33550	35300	37450	39500	40900	42850	43400	44400	44800	45100	31600
Mean	30500	32250	33250	34650	36100	37700	39550	40650	42550	45550	48750	51850	54200	56050	57650	59500	61050	62100	47400
Supporting Data																			
Total Number	1013	1098	1271	1346	1262	1200	1344	1405	1356	3341	2823	2484	2271	1659	1359	1362	1402	2250	30258
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	1	3	25	35
Less Than $22000	6	7	14	4	2	8	3	1	0	2	0	0	0	1	0	1	1	0	50

1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	48850	50750	52650	54550	56400	60200	65600	70600	75000	78700	81750	84050	85750	88050	76600
Upper Quartile	0	0	0	0	43800	45550	47300	49050	50800	54250	59200	63650	67450	70600	73000	74800	76000	77500	66950
Median	0	0	0	0	39200	40800	42350	43900	45450	48500	52800	56600	59800	62350	64300	65650	66550	67600	57500
Lower Quartile	0	0	0	0	34950	36300	37650	39000	40300	42900	46500	49700	52300	54350	55850	56900	57550	58250	47950
Lower Decile	0	0	0	0	31100	32300	33450	34600	35750	38000	41050	43750	45950	47650	48900	49750	50250	50800	41250
Mean	0	0	0	0	40000	41500	43050	44550	46050	49000	53200	57000	60350	63100	65300	66950	68200	69750	58600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	47800	48100	52850	52300	56650	62700	66250	70500	74000	75950	79900	86500	84500	88550	76600
Upper Quartile	0	0	0	0	42750	44700	46900	47000	50700	55900	60450	63800	66550	68000	71400	75400	75850	77950	66950
Median	0	0	0	0	37100	41400	42750	42300	45800	49250	53050	57450	59300	60950	63000	64950	66900	67700	57500
Lower Quartile	0	0	0	0	32200	36750	39100	36950	41400	43750	46600	49450	52400	53100	55550	56600	57950	57900	47950
Lower Decile	0	0	0	0	28500	33000	33900	33500	37250	38900	41100	42500	45700	47150	49950	50100	52050	49250	41250
Mean	0	0	0	0	38100	41150	43450	42850	46400	50250	53600	57050	59950	61450	64400	66950	68250	69800	58600
Supporting Data																			
Total Number	5	2	22	41	82	124	175	228	225	812	810	893	845	683	526	549	584	919	7538
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	3	22	29
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	5

1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35050	36800	38600	40400	42200	44050	45900	47700	49500	52950	57600	61450	64350	66350	67500	68050	68150	67750	58700
Upper Quartile	32850	34400	35900	37500	39050	40600	42150	43700	45200	48100	52050	55300	57850	59650	60800	61400	61650	61600	50550
Median	30750	32050	33300	34600	35900	37200	38500	39750	41000	43300	46500	49150	51200	52700	53700	54300	54650	54800	42250
Lower Quartile	28300	29350	30450	31500	32600	33650	34700	35700	36700	38600	41200	43300	45000	46250	47150	47700	48050	48300	35000
Lower Decile	26250	27100	27950	28800	29600	30450	31250	32050	32850	34350	36400	38150	39600	40750	41650	42300	42750	43350	30600
Mean	30800	32100	33400	34700	36050	37350	38650	39900	41150	43550	46800	49500	51650	53250	54300	54950	55350	55550	43650
Raw (Unsmoothed) Statistics																			
Upper Decile	33700	36950	39250	40250	42600	44300	46400	48300	50200	53750	57300	59550	63600	64050	64750	67000	70300	70200	58700
Upper Quartile	32500	34450	35700	37100	39200	40400	43000	44150	45850	49000	51950	54100	56750	57750	59000	61050	62750	63400	50550
Median	30650	31900	32900	34550	35900	37150	39100	40350	41750	43850	46200	48500	49950	51500	53600	53850	55150	55900	42250
Lower Quartile	28300	29400	30000	31600	32250	33800	34900	35950	37350	38900	41250	43050	44050	46050	46750	46900	48100	49200	35000
Lower Decile	26450	27350	27250	29050	29250	30350	31250	32050	33350	34600	36350	38400	38900	40750	41550	42200	42250	43700	30600
Mean	30500	32250	33150	34650	36000	37300	39000	40200	41800	44050	46800	48900	50700	52250	53300	54450	55900	56750	43650
Supporting Data																			
Total Number	1008	1096	1249	1304	1182	1076	1167	1175	1132	2528	2012	1590	1423	976	831	813	816	1331	22714
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	6
Less Than $22000	6	7	12	4	2	8	3	1	0	2	0	0	0	0	0	0	1	0	46

1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44000	46000	48000	50050	52100	54150	56200	60250	66050	71200	75600	79100	81700	83500	84700	86000	72800
Upper Quartile	0	0	42200	43750	45350	46950	48550	50100	51700	54750	59100	63100	66500	69400	71650	73450	74700	76450	61950
Median	0	0	40300	41550	42800	44000	45200	46400	47600	49850	53050	55950	58400	60500	62150	63500	64500	65850	52550
Lower Quartile	0	0	37150	38200	39200	40250	41250	42200	43200	45050	47600	49850	51750	53350	54600	55600	56300	57300	45300
Lower Decile	0	0	33000	34000	35000	36000	36950	37900	38800	40500	42850	44800	46350	47550	48450	49050	49400	49850	39800
Mean	0	0	39500	40900	42250	43600	44950	46300	47600	50150	53800	57050	59850	62200	64100	65550	66650	68100	54850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42250	45800	48500	49150	52750	54800	58100	62050	64800	69150	75500	77050	83900	83850	83600	86400	72800
Upper Quartile	0	0	40450	43200	45800	46650	49600	51450	53250	55350	58000	61750	66750	68950	72200	73500	73350	76900	61950
Median	0	0	39100	40850	42850	43600	46350	47150	49150	50500	52200	55300	58000	60600	61850	62750	64050	66550	52550
Lower Quartile	0	0	36800	38350	39050	39550	41300	42250	44250	45500	47150	49550	52100	53100	54650	54250	56150	57550	45300
Lower Decile	0	0	32400	33700	34650	36250	37150	38250	39250	41250	42250	44600	46100	46950	48800	48500	49600	49750	39800
Mean	0	0	38450	40500	42400	43150	45550	46900	48900	50950	52950	56250	59750	61550	64800	65400	66000	68150	54850
Supporting Data																			
Total Number	15	113	454	560	636	631	743	707	763	1947	1731	1689	1414	1264	1077	956	733	1030	16480
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	8	11	3	7	32
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	63550	63900	64450	65150	66000	68000	71750	76050	80450	84750	88550	91600	93900	96350	84050
Upper Quartile	0	0	0	0	61600	61650	61850	62200	62750	64100	66800	69900	73200	76350	79150	81400	83050	84850	74800
Median	0	0	0	0	57700	57750	57800	58050	58400	59400	61400	63750	66300	68800	71050	72950	74400	76150	66200
Lower Quartile	0	0	0	0	52750	52800	52850	53050	53300	54100	55600	57500	59550	61600	63550	65200	66550	68300	59200
Lower Decile	0	0	0	0	44050	44550	45100	45650	46300	47550	49650	51800	53900	55800	57450	58800	59800	61000	53100
Mean	0	0	0	0	56050	56250	56550	56950	57450	58750	61150	63950	66900	69800	72450	74650	76350	78350	67950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	63850	63600	61500	63600	65550	70400	71200	74900	80800	82300	92550	95550	92350	93050	84050
Upper Quartile	0	0	0	0	61650	60000	58450	61450	62850	66300	66250	68250	74250	75450	81700	82550	80900	83650	74800
Median	0	0	0	0	53750	51500	55200	57550	59750	61850	60850	61850	66950	68850	72450	74300	72300	75400	66200
Lower Quartile	0	0	0	0	50750	48000	50750	50950	55000	56450	54550	56400	59700	62100	64450	66200	64750	67600	59200
Lower Decile	0	0	0	0	48650	44600	42600	40800	49250	49050	48900	50950	55050	55350	57800	59400	57650	61250	53100
Mean	0	0	0	0	55700	53400	53700	55800	58100	60950	60400	62500	67500	69400	74450	76650	74350	76700	67950
Supporting Data																			
Total Number	1	2	1	4	11	12	41	57	95	349	434	605	546	505	403	361	288	394	4113
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	9	3	4	24
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44600	46050	47450	48900	50300	51750	53150	55900	59750	63350	66500	69200	71400	73200	74600	76600	63050
Upper Quartile	0	0	42650	43950	45250	46550	47800	49000	50200	52550	55700	58500	60800	62650	64100	65200	65950	66950	55700
Median	0	0	40450	41550	42650	43700	44750	45800	46750	48650	51150	53300	55050	56450	57450	58200	58750	59400	49450
Lower Quartile	0	0	37300	38250	39150	40000	40900	41750	42550	44100	46150	47950	49400	50550	51500	52150	52650	53250	43350
Lower Decile	0	0	33050	33950	34900	35800	36650	37500	38350	39850	41850	43500	44750	45700	46300	46700	46950	47150	38750
Mean	0	0	39700	40850	41950	43100	44150	45250	46300	48300	51100	53500	55600	57250	58600	59650	60400	61400	50500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42200	45550	48100	48950	51900	53100	55000	56000	58850	62100	66150	67650	72050	71800	75200	79150	63050
Upper Quartile	0	0	40400	43150	45650	46550	49250	50800	52000	53100	54750	57350	59400	62000	63900	63900	66500	69800	55700
Median	0	0	39100	40850	42750	43500	46050	46600	48300	49200	50500	52100	54350	56250	57350	57100	59700	60800	49450
Lower Quartile	0	0	36750	38300	38950	39500	41050	42000	43700	44650	45700	47500	49250	49600	52150	51300	52750	54100	43350
Lower Decile	0	0	32350	33650	34600	36250	37000	38050	38850	40400	41250	43150	44300	44800	47050	46250	47650	47450	38750
Mean	0	0	38400	40350	42150	42950	45050	46100	47600	48800	50400	52700	54950	56400	59100	58600	60900	62900	50500
Supporting Data																			
Total Number	14	111	453	555	625	617	702	652	666	1601	1298	1085	869	750	678	596	447	636	12367
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	3	8
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	56600	57450	58500	59700	62550	67500	72750	77750	82050	85350	87650	89050	90100	80400
Upper Quartile	0	0	0	0	0	54150	54750	55550	56450	58600	62350	66400	70400	74000	76950	79200	80650	82000	71200
Median	0	0	0	0	0	51900	52250	52750	53300	54750	57400	60300	63200	65850	68150	69850	71050	72250	61450
Lower Quartile	0	0	0	0	0	48450	49000	49550	50200	51450	53450	55500	57450	59200	60750	61950	62850	63900	55200
Lower Decile	0	0	0	0	0	45850	46350	46900	47450	48550	50150	51700	53100	54300	55300	56000	56550	57050	51000
Mean	0	0	0	0	0	51300	51950	52650	53450	55250	58250	61400	64500	67250	69550	71350	72550	73750	64050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	56700	57350	59950	59850	61300	68750	72550	77500	81700	85750	88200	88600	89900	80400
Upper Quartile	0	0	0	0	0	54200	54600	55500	57050	58300	62700	65800	70700	74000	77500	79300	80300	81700	71200
Median	0	0	0	0	0	51400	51700	52600	53800	54950	57700	59700	62550	66000	69050	70450	71250	71450	61450
Lower Quartile	0	0	0	0	0	47100	48800	49650	50600	51650	53550	55500	56600	59400	60950	62450	62700	63900	55200
Lower Decile	0	0	0	0	0	44900	46200	47150	47750	48700	50000	51850	52650	54650	55200	56500	56200	57100	51000
Mean	0	0	0	0	0	51150	51650	52550	53850	55200	58600	61050	63900	67350	70200	72000	72400	73200	64050
Supporting Data																			
Total Number	0	0	3	6	19	53	109	122	184	611	761	696	694	668	648	497	332	507	5909
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

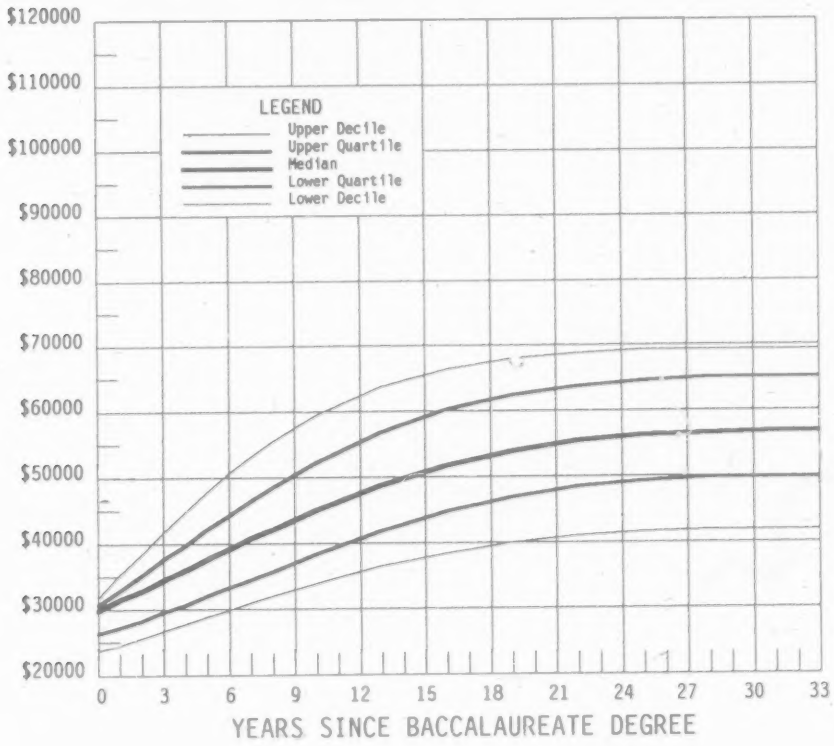
1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	70650	74750	79000	83150	87000	90400	93150	95250	97650	88600
Upper Quartile	0	0	0	0	0	0	0	0	0	66600	70450	74000	77300	80200	82750	84900	86700	89400	80900
Median	0	0	0	0	0	0	0	0	0	62300	65850	69100	72000	74550	76650	78450	79850	81950	74000
Lower Quartile	0	0	0	0	0	0	0	0	0	58200	61350	64200	66700	68850	70650	72100	73250	74950	67350
Lower Decile	0	0	0	0	0	0	0	0	0	54800	57200	59350	61300	62950	64350	65500	66400	67800	61200
Mean	0	0	0	0	0	0	0	0	0	61800	65600	69150	72250	75000	77300	79200	80700	82950	74750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	69850	75900	78400	82600	86200	91400	95900	93600	93450	88600
Upper Quartile	0	0	0	0	0	0	0	0	0	65350	71150	73800	77650	79800	82950	85250	85250	87650	80900
Median	0	0	0	0	0	0	0	0	0	60500	66600	69100	72750	74150	76000	78700	79350	80450	74000
Lower Quartile	0	0	0	0	0	0	0	0	0	56450	62900	63300	67000	68800	70200	72750	73150	72900	67350
Lower Decile	0	0	0	0	0	0	0	0	0	50900	60050	58500	61750	62000	64750	65850	64850	66800	61200
Mean	0	0	0	0	0	0	0	0	0	59950	66950	68800	72350	74450	77300	80000	80200	80750	74750
Supporting Data																			
Total Number	0	0	0	0	0	0	1	0	8	36	124	178	212	249	258	204	117	153	1544
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58250	58300	58450	58850	60200	63250	67050	71100	75000	78450	81200	83200	85150	72900
Upper Quartile	0	0	0	0	0	55300	55450	55750	56200	57350	59700	62450	65300	68100	70550	72550	74000	75600	64700
Median	0	0	0	0	0	52200	52500	52850	53300	54300	56100	58100	60100	62050	63750	65150	66200	67400	58400
Lower Quartile	0	0	0	0	0	48700	49200	49650	50150	51150	52700	54250	55750	57150	58400	59450	60300	61500	53750
Lower Decile	0	0	0	0	0	46050	46500	46900	47350	48250	49600	50850	52000	53000	53750	54350	54750	55200	50200
Mean	0	0	0	0	0	52150	52400	52750	53200	54350	56450	58800	61200	63400	65350	66900	68000	69200	60300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	56700	57050	59950	59400	60000	64200	66300	70650	73900	79250	78900	83500	86850	72900
Upper Quartile	0	0	0	0	0	54200	54500	55500	56600	57950	59950	62000	64650	67300	71300	71450	73900	76400	64700
Median	0	0	0	0	0	51400	51650	52600	53500	54700	56550	58000	59050	62000	63300	64750	66450	67900	58400
Lower Quartile	0	0	0	0	0	47100	48750	49650	50400	51500	52950	54400	55000	57000	58000	59750	60250	61450	53750
Lower Decile	0	0	0	0	0	44900	46200	47150	47600	48650	49350	50950	51500	53450	53550	54100	54400	55150	50200
Mean	0	0	0	0	0	51150	51550	52550	53400	54900	56900	58400	60150	63200	65500	66300	68050	69850	60300
Supporting Data																			
Total Number	0	0	3	6	19	53	108	122	174	574	634	516	482	421	390	292	213	353	4364
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

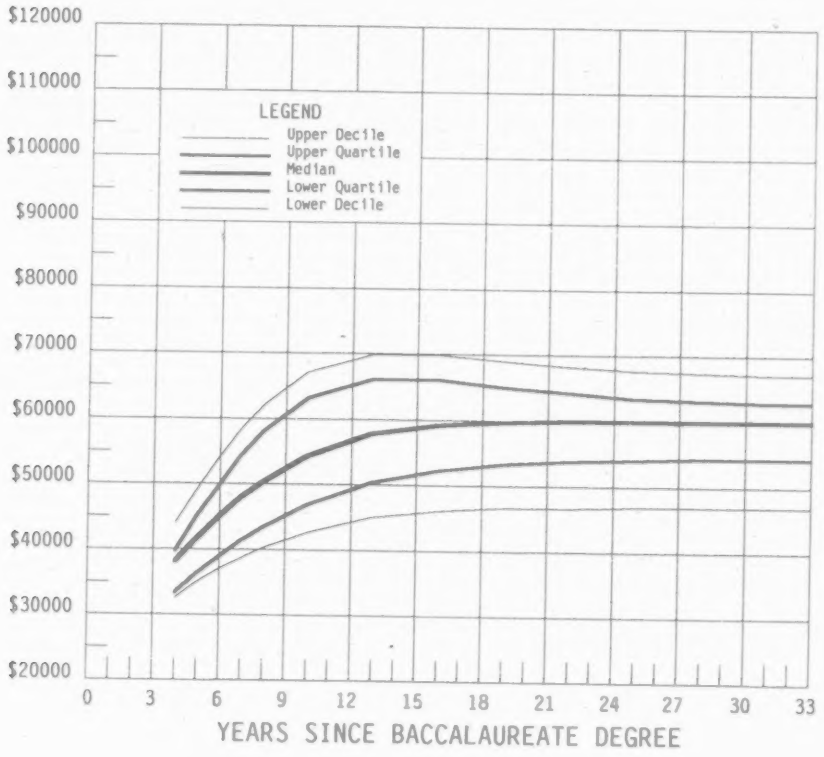
SALARY CURVES FOR ENGINEERS IN COMMUNICATION SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	31850	35150	38450	41700	44800	47750	50550	53100	55450	59400	63700	66450	68000	68850	69250	69400	69450	69500	66500
Upper Quartile	30550	32850	35200	37500	39800	42100	44300	46450	48500	52200	56800	60200	62450	63850	64600	65000	65150	65250	58200
Median	29850	31350	32900	34450	36050	37600	39200	40750	42250	45150	48900	51850	53950	55350	56150	56550	56750	56850	44600
Lower Quartile	26300	27300	28350	29500	30700	31950	33200	34500	35800	38400	41900	44800	47000	48400	49300	49750	49950	50050	36850
Lower Decile	23700	24650	25650	26700	27750	28800	29850	30900	31950	33900	36450	38500	39950	40950	41500	41800	41950	42000	31000
Mean	28600	30450	32300	34150	36000	37800	39600	41300	42900	45900	49650	52500	54450	55700	56450	56850	57000	57100	47400
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	31800	33900	47900	40700	44850	41850	46100	47650	52450	68300	74350	65050	67550	66300	59850	67200	77800	67650	66500
Upper Quartile	31050	33400	35850	36950	40400	40050	41100	43350	46100	55450	66550	55800	65700	60900	59100	56000	64750	66650	58200
Median	29000	32650	34200	34500	35350	38300	36750	38650	41300	50100	47450	43850	56650	45850	57800	51500	56650	65050	44600
Lower Quartile	24900	29850	28150	29350	29550	34550	31500	34600	37750	39300	40600	39250	44400	41250	56500	46500	44400	57750	36850
Lower Decile	23650	25050	26600	25200	28200	29000	28200	29950	33500	34650	37200	36750	38850	37700	45050	41600	35100	43150	31000
Mean	28100	31500	34400	33650	35750	37100	36850	39000	42250	49000	52250	48100	54950	50200	55850	52350	55700	60850	47400
---------- Supporting Data ----------																			
Total Number	33	27	28	31	42	55	52	45	51	158	115	79	81	44	96	25	23	104	1090
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

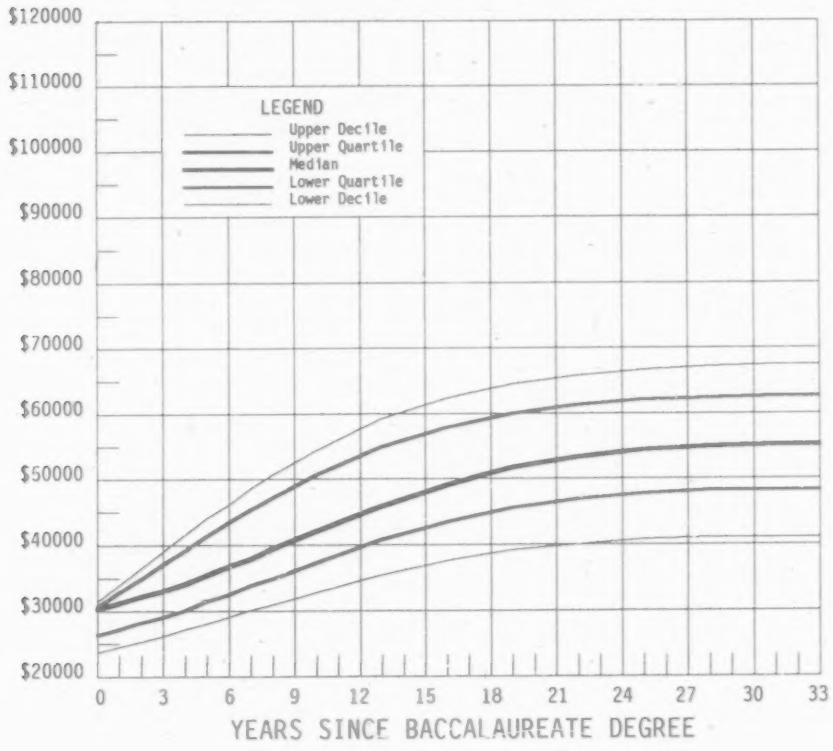
SALARY CURVES FOR ENGINEERS IN COMMUNICATION SERVICES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	43900	49200	54100	58450	62100	67100	70000	69950	69050	68250	67650	67350	67200	67100	68950
Upper Quartile	0	0	0	0	39850	45050	49950	54400	58100	63300	66250	66150	65150	64200	63600	63250	63050	63000	64450
Median	0	0	0	0	38200	41700	44950	47900	50450	54350	57750	59200	59750	59900	59950	59950	59950	59950	54700
Lower Quartile	0	0	0	0	33400	36200	38850	41250	43400	46950	50450	52400	53450	53950	54200	54350	54400	54400	47050
Lower Decile	0	0	0	0	32650	34900	36950	38750	40350	42750	44950	46050	46600	46800	46900	46950	46950	47000	39400
Mean	0	0	0	0	37150	41050	44700	47900	50700	54850	58000	58950	59000	58800	58650	58550	58500	58450	55200
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	44300	0	53600	0	55900	71000	68800	66850	67450	68400	0	70250	0	67500	68950
Upper Quartile	0	0	0	0	40050	0	48500	0	52600	69300	62000	63750	59350	63700	0	62500	0	66400	64450
Median	0	0	0	0	38350	0	43000	0	46350	61000	49250	60450	54500	61800	0	54300	0	64600	54700
Lower Quartile	0	0	0	0	33000	0	37300	0	44100	51150	43000	51650	50200	59000	0	49050	0	58400	47050
Lower Decile	0	0	0	0	32250	0	36500	0	39650	45600	39050	50300	45050	35800	0	47550	0	50650	39400
Mean	0	0	0	0	37050	0	43700	0	47750	59450	52300	58150	55200	59450	0	56450	0	61450	55200
---------- Supporting Data ----------																			
Total Number	0	0	4	2	10	6	10	9	12	47	25	25	19	11	6	13	3	43	245
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN COMMUNICATION SERVICES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	31350	33900	36450	39000	41500	43900	46250	48500	50650	54450	59100	62450	64650	66000	66750	67150	67350	67400	65500
Upper Quartile	30600	32750	34950	37150	39300	41450	43450	45450	47300	50700	54850	57900	60000	61300	62100	62500	62650	62750	56200
Median	30500	31300	32150	33150	34250	35450	36700	38000	39350	42100	45950	49200	51700	53350	54350	54900	55150	55300	41550
Lower Quartile	26350	27200	28150	29150	30250	31400	32600	33800	35050	37450	40750	43500	45550	46900	47700	48150	48350	48450	35050
Lower Decile	23850	24600	25400	26250	27150	28100	29100	30050	31050	32900	35500	37550	39100	40100	40700	41000	41150	41200	30100
Mean	28750	30200	31650	33150	34650	36200	37750	39300	40800	43650	47450	50450	52600	54000	54850	55300	55500	55600	45200
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	31800	33900	35950	40100	45050	40600	43350	44950	49200	55450	74600	55750	67550	64400	59650	61800	78000	67750	65500
Upper Quartile	31050	33400	35150	36350	40650	39650	39750	42400	43750	54000	72400	45600	66050	50750	58950	54100	63400	66850	56200
Median	29000	32650	32650	34300	34650	38050	34200	36550	40000	42400	45950	40950	58350	43600	57700	46750	49750	65300	41550
Lower Quartile	24900	29850	27700	29000	29050	34450	30950	34150	36350	37550	40200	37950	42450	40550	56500	44100	42100	54150	35050
Lower Decile	23650	25050	26450	25150	27850	28950	25800	29350	33100	33650	36500	36200	38200	37800	43150	38300	34500	42400	30100
Mean	28100	31500	32050	33200	35300	36500	35150	37500	40550	44600	52200	43550	54900	47200	55500	47850	54000	60400	45200
---------- Supporting Data ----------																			
Total Number	33	27	24	30	32	49	42	37	39	112	90	54	61	33	90	12	20	61	845
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1989 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32200	35250	38300	41300	44200	47000	49650	52100	54350	58250	62600	65500	67200	68150	68650	68850	68950	68950	66300
Upper Quartile	30600	32900	35200	37550	39850	42100	44300	46400	48400	52100	56650	60000	62250	63600	64350	64750	64900	65000	57950
Median	30050	31450	32900	34400	35900	37450	39000	40500	42000	44850	48600	51550	53700	55150	55950	56400	56600	56700	44350
Lower Quartile	26350	27300	28400	29550	30750	32000	33250	34550	35900	38450	41950	44800	46950	48400	49250	49700	49900	50000	36800
Lower Decile	23700	24750	25800	26900	28000	29100	30150	31200	32250	34150	36650	38600	39950	40850	41350	41600	41750	41800	31050
Mean	28700	30550	32350	34200	36000	37750	39500	41150	42800	45750	49450	52300	54250	55500	56250	56600	56800	56850	47250
Raw (Unsmoothed) Statistics																			
Upper Decile	31800	33900	47900	40700	44850	41850	46400	47650	52450	61650	74350	65550	67550	66300	59850	67200	77800	67650	66300
Upper Quartile	31050	33400	35850	36950	40400	40050	41650	43350	46100	54950	66550	54300	65700	60900	59100	56000	64750	66650	57950
Median	29000	32650	34200	34500	35350	38300	37350	38650	41300	48600	47450	42850	56650	45850	57800	51500	56650	65050	44350
Lower Quartile	24900	29850	28150	29350	29550	34550	32200	34600	37750	39050	40600	38850	44400	41250	56500	46500	44400	57750	36800
Lower Decile	23650	25050	26600	25200	28200	29000	30650	29950	33500	34550	37200	36550	38850	37700	45050	41600	35100	43150	31050
Mean	28100	31500	34400	33650	35750	37100	37850	39000	42250	47900	52250	47100	54950	50200	55850	52350	55700	60850	47250
Supporting Data																			
Total Number	33	27	28	31	42	55	48	45	51	150	115	71	81	44	96	25	23	104	1070
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

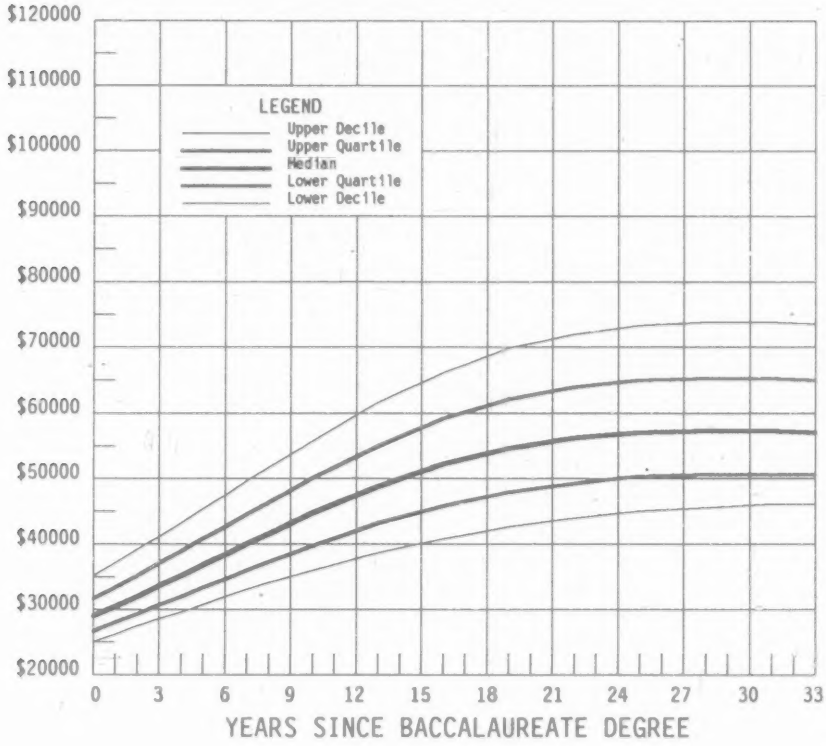
1989 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	43900	49050	53850	58150	61700	66700	69750	69900	69150	68400	67900	67600	67500	67400	67850
Upper Quartile	0	0	0	0	39950	44700	49200	53200	56650	61550	64900	65400	64950	64400	64000	63750	63650	63600	64000
Median	0	0	0	0	38550	41250	43750	46050	48150	51650	55400	57700	59050	59800	60250	60450	60550	60550	53850
Lower Quartile	0	0	0	0	33500	36050	38500	40750	42800	46200	49800	52000	53250	54000	54350	54550	54600	54650	46450
Lower Decile	0	0	0	0	32800	34850	36700	38300	39750	42050	44300	45550	46200	46550	46750	46850	46850	46900	39100
Mean	0	0	0	0	37250	40800	44100	47000	49600	53500	56900	58300	58750	58850	58850	58850	58850	58850	54600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	44300	0	53600	0	55900	70450	68800	67550	67450	68400	0	70250	0	67500	67850
Upper Quartile	0	0	0	0	40050	0	48500	0	52600	66000	62000	65400	59350	63700	0	62500	0	66400	64000
Median	0	0	0	0	38350	0	43000	0	46350	56000	49250	61000	54500	61800	0	54300	0	64600	53850
Lower Quartile	0	0	0	0	33000	0	37300	0	44100	50250	43000	51800	50200	59000	0	49050	0	58400	46450
Lower Decile	0	0	0	0	32250	0	36500	0	39650	45050	39050	49700	45050	35800	0	47550	0	50650	39100
Mean	0	0	0	0	37050	0	43700	0	47750	57250	52300	58800	55200	59450	0	56450	0	61450	54600
Supporting Data																			
Total Number	0	0	4	2	10	6	10	9	12	39	25	17	19	11	6	13	3	43	229
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31350	33900	36500	39050	41550	44000	46350	48600	50750	54550	59150	62450	64650	66000	66750	67100	67300	67350	65500
Upper Quartile	30500	32750	35000	37200	39400	41500	43600	45550	47400	50800	54900	57950	60000	61300	62050	62450	62600	62700	56250
Median	30550	31300	32250	33300	34450	35650	36950	38250	39600	42300	46100	49300	51700	53300	54250	54800	55000	55150	41650
Lower Quartile	26300	27200	28200	29250	30350	31550	32700	33950	35150	37550	40850	43550	45550	46850	47650	48100	48300	48350	35200
Lower Decile	23700	24700	25700	26700	27750	28750	29750	30750	31750	33550	35950	37750	39050	39900	40400	40650	40800	40850	30250
Mean	28750	30200	31700	33250	34800	36400	37950	39500	41000	43850	47550	50500	52600	53950	54750	55200	55400	55500	45250
Raw (Unsmoothed) Statistics																			
Upper Decile	31800	33900	35950	40100	45050	40600	43700	44950	49200	55450	74600	55750	67550	64400	59650	61800	78000	67750	65500
Upper Quartile	31050	33400	35150	36350	40650	39650	40100	42400	43750	54000	72400	45600	66050	50750	58950	54100	63400	66850	56250
Median	29000	32650	32650	34300	34650	38050	35600	36550	40000	42400	45950	40950	58350	43600	57700	46750	49750	65300	41050
Lower Quartile	24900	29850	27700	29000	29050	34450	31600	34150	36350	37550	40200	37950	42450	40550	56500	44100	42100	54150	35200
Lower Decile	23650	25050	26450	25150	27850	28950	30400	29350	33100	33650	36500	36200	38200	37800	43150	38300	34500	42400	30250
Mean	28100	31500	32050	33200	35300	36500	36250	37500	40550	44600	52200	43550	54900	47200	55500	47850	54000	60400	45250
Supporting Data																			
Total Number	33	27	24	30	32	49	38	37	39	112	90	54	61	33	90	12	20	61	841
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

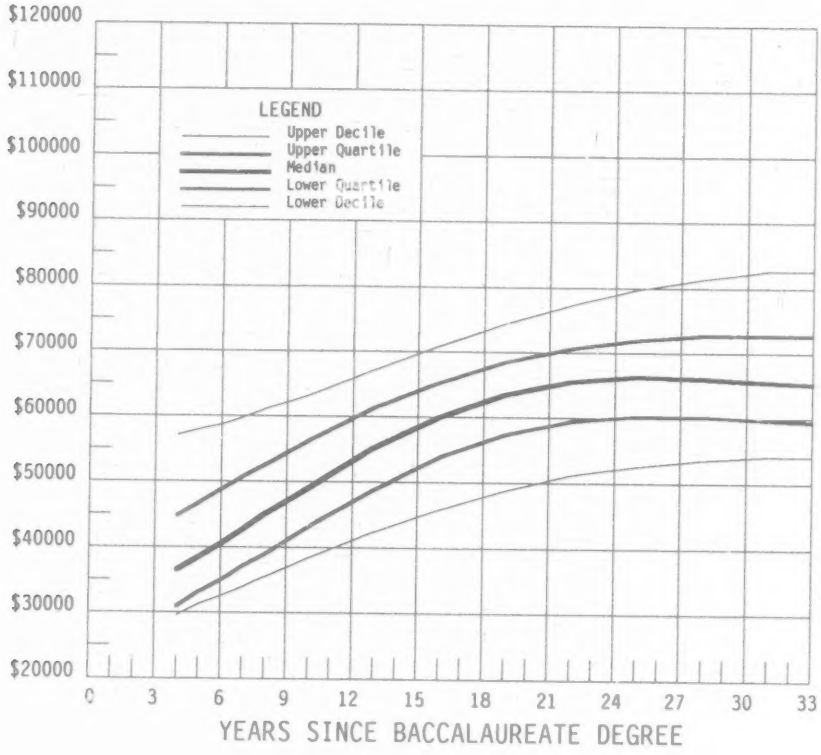
SALARY CURVES FOR ENGINEERS IN CONSTRUCTION
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CONSTRUCTION

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35150	37100	39100	41150	43200	45350	47450	49600	51700	55850	61500	66200	69750	72050	73350	73850	73800	72950	65600
Upper Quartile	31650	33400	35200	37050	38900	40800	42700	44600	46450	50100	55050	59100	62150	64050	65100	65400	65300	64400	57750
Median	28950	30450	32000	33600	35200	36850	38450	40050	41650	44700	48850	52200	54700	56300	57100	57400	57350	56650	48950
Lower Quartile	26700	28000	29300	30650	32000	33300	34650	36000	37250	39750	43150	45900	48000	49450	50300	50700	50800	50550	40800
Lower Decile	25050	26250	27400	28550	29700	30800	31900	33000	34050	36000	38650	40900	42650	44050	45050	45700	46150	46500	33100
Mean	29950	31450	33000	34550	36100	37700	39250	40850	42400	45400	49500	52950	55550	57400	58500	59050	59250	59000	49700
Raw (Unsmoothed) Statistics																			
Upper Decile	33250	35350	38800	42900	46400	46700	49650	49250	51000	56500	61850	65250	69100	70250	73600	69150	74500	78100	65600
Upper Quartile	31650	32900	34450	36800	40500	41050	44600	43600	45950	50000	55850	59500	61550	63400	64150	62900	65950	66600	57750
Median	29350	30550	31350	32700	34800	36950	39750	39800	42100	44800	49300	52750	54350	55250	55850	55750	57650	58750	48950
Lower Quartile	27450	28550	28350	30100	31250	33000	34050	36050	38150	39750	43800	46550	47450	48450	49650	49550	51350	51800	40800
Lower Decile	26300	26550	26500	28200	28450	30550	31000	33150	34450	36050	39400	41300	42400	44200	44600	44650	45600	46700	33100
Mean	29800	31650	32300	34150	36650	38050	40100	40350	42450	45350	50050	53300	55300	56400	58050	57100	59350	61000	49700
Supporting Data																			
Total Number	129	132	149	141	164	139	169	278	280	680	730	775	655	553	367	311	243	388	6283
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	5
Less Than $22000	1	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	6

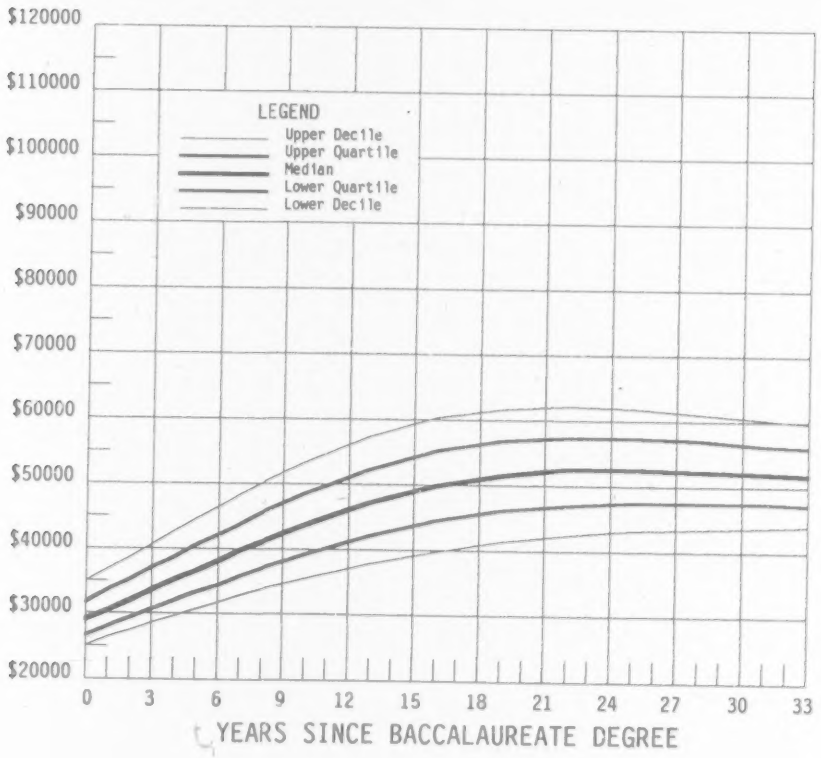
SALARY CURVES FOR ENGINEERS IN CONSTRUCTION SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CONSTRUCTION, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	57000	57850	58800	59850	60950	63300	67100	70850	74300	77300	79700	81450	82550	83550	75550
Upper Quartile	0	0	0	0	44800	46750	48700	50650	52550	56200	61200	65350	68500	70700	72050	72700	72850	72550	67550
Median	0	0	0	0	36400	38500	40650	42800	44950	49200	55100	59950	63450	65500	66300	66250	65700	63950	61500
Lower Quartile	0	0	0	0	31050	32950	34950	36950	39000	43100	48900	53850	57400	59550	60400	60350	59800	57950	54050
Lower Decile	0	0	0	0	29700	31100	32550	34000	35450	38300	42350	45950	48900	51100	52650	53600	54100	54400	43900
Mean	0	0	0	0	39500	41300	43150	45000	46800	50400	55350	59550	62850	65150	66600	67400	67650	67450	61150
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	62150	63200	56400	54500	62000	62300	67450	71450	75900	75600	82250	79450	79900	84450	75550
Upper Quartile	0	0	0	0	52250	46250	43700	43050	57000	57000	62850	65400	68850	69450	73400	68000	72650	74600	67550
Median	0	0	0	0	37000	41000	41650	37650	44000	48600	58200	60700	62650	64100	65750	63600	65650	65800	61500
Lower Quartile	0	0	0	0	29650	35000	35500	34350	39500	42550	50400	55050	57050	58350	59400	57700	58750	60250	54050
Lower Decile	0	0	0	0	28250	32950	32600	32650	36000	38600	42950	45500	48500	51200	53400	53100	53650	54700	43900
Mean	0	0	0	0	42100	44550	42100	40800	46600	49700	56750	59850	63250	64200	67450	65050	66650	68750	61150
---------- Supporting Data ----------																			
Total Number	2	1	2	4	14	14	19	30	30	123	185	275	245	228	142	124	112	197	1747
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN CONSTRUCTION NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CONSTRUCTION, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34900	36800	38700	40650	42600	44500	46400	48250	50050	53300	57400	60200	61700	62200	61850	61100	60150	58150	57650
Upper Quartile	31850	33550	35250	37000	38750	40450	42200	43850	45500	48500	52350	55100	56750	57450	57450	56950	56300	54700	52250
Median	29000	30500	32000	33550	35100	36650	38150	39650	41100	43850	47300	49950	51600	52450	52650	52400	51950	50750	45550
Lower Quartile	26800	28050	29350	30650	31950	33200	34500	35750	36950	39250	42200	44500	46100	47050	47500	47550	47400	46750	38300
Lower Decile	25150	26300	27450	28550	29650	30750	31800	32800	33750	35550	37900	39800	41300	42350	43100	43550	43850	44050	31600
Mean	29900	31350	32850	34350	35800	37300	38750	40150	41550	44100	47400	49850	51500	52350	52600	52450	52050	51050	45250
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33200	35100	38200	42300	44850	45950	49400	48700	50000	54150	57250	58800	59600	60750	60950	60450	62250	62100	57650
Upper Quartile	31600	32850	34300	36800	40100	40600	44750	43700	45550	49000	52650	54650	55650	55800	56550	56300	57850	57350	52250
Median	29300	30500	31250	32800	34550	36550	39450	39850	41950	44300	47450	50100	50750	50300	52250	52650	52800	52550	45550
Lower Quartile	27450	28500	28300	30150	31300	32800	33950	36200	37950	39250	42850	44950	45200	46000	47000	46750	47950	48300	38300
Lower Decile	26300	26550	26500	28150	28500	30350	30800	33350	34350	35650	38700	40200	41000	42150	42900	42250	42800	44600	31600
Mean	29550	31450	32100	34150	36150	37300	39850	40300	41950	44400	47750	49700	50600	50950	52100	51850	53150	53050	45250
---------- Supporting Data ----------																			
Total Number	127	131	147	137	150	125	150	248	250	557	545	500	410	325	225	187	131	191	4536
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5

1989 ENGINEERING SALARY STATISTICS: CONSTRUCTION, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33400	35300	37250	39250	41300	43400	45500	47600	49750	53900	59750	64700	68600	71250	72850	73600	73750	73150	63950
Upper Quartile	31150	32850	34600	36350	38150	39950	41800	43650	45450	49000	53900	58050	61250	63400	64700	65300	65400	64950	55850
Median	28750	30200	31650	33200	34700	36250	37800	39350	40850	43800	47800	51100	53650	55400	56450	56950	57100	56800	46650
Lower Quartile	26650	27900	29150	30400	31650	32900	34200	35450	36650	39000	42250	44950	47050	48600	49550	50150	50400	50450	38500
Lower Decile	25250	26300	27300	28350	29400	30450	31450	32450	33400	35300	37900	40100	42000	43500	44600	45400	45950	46450	31650
Mean	29400	30800	32300	33800	35300	36800	38350	39850	41350	44300	48350	51800	54550	56550	57850	58650	59000	59100	47750
Raw (Unsmoothed) Statistics																			
Upper Decile	33250	33850	36800	38000	43650	44750	46800	48250	49350	54650	60900	63900	66900	68900	72050	67250	75300	79050	63950
Upper Quartile	31650	32450	33800	36100	38700	39850	43000	43200	45000	48850	55400	58550	60200	62400	63600	62050	67600	66700	55850
Median	29350	30250	31050	32250	33850	35450	38600	39600	41800	44000	48300	51750	52500	54400	55300	55550	58000	58450	46650
Lower Quartile	27450	28400	28000	30050	30550	32450	33350	35750	37900	39050	42950	45300	46150	48400	48500	48750	51750	51200	38500
Lower Decile	26300	26400	26350	28100	28350	30100	30550	32950	33850	35350	38650	40100	41600	44200	43750	44250	45600	46800	31650
Mean	29800	30700	31500	33400	35400	36500	38550	40000	41650	44400	49150	52100	53750	55600	56700	56150	60100	61100	47750
Supporting Data																			
Total Number	129	121	133	120	130	105	138	233	223	521	502	484	420	343	228	177	154	287	4448
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Less Than $22000	1	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	6

1989 ENGINEERING SALARY STATISTICS: CONSTRUCTION, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	48600	50400	52200	54000	55800	59300	64200	68550	72200	75150	77400	79050	80150	81450	74100
Upper Quartile	0	0	0	0	39650	41750	43900	46050	48200	52450	58400	63550	67500	70150	71700	72350	72450	71650	66350
Median	0	0	0	0	35300	37300	39400	41450	43600	47750	53550	58450	62050	64300	65300	65450	65050	63550	59800
Lower Quartile	0	0	0	0	30900	32600	34400	36150	37950	41550	46600	51000	54400	56650	57950	58400	58400	57550	50100
Lower Decile	0	0	0	0	29800	31050	32250	33450	34650	37050	40500	43600	46300	48500	50250	51500	52400	53550	41750
Mean	0	0	0	0	36700	38500	40350	42200	44050	47700	52850	57350	60950	63550	65250	66150	66550	66450	59000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	60000	45500	47900	53600	50000	60650	63950	70800	73750	72950	77850	72000	78550	85200	74100
Upper Quartile	0	0	0	0	37500	43250	43050	42500	46250	54350	61350	64200	66500	67750	71250	66450	73150	75000	66350
Median	0	0	0	0	35000	39500	41200	37350	42800	47200	56650	59850	61250	62350	64550	61450	65600	65600	59800
Lower Quartile	0	0	0	0	29000	35000	34500	34000	39000	41800	47400	52000	54200	55200	57700	56000	57400	59450	50100
Lower Decile	0	0	0	0	28000	33000	32450	32600	34000	38000	41050	42300	45800	49450	52300	49250	53050	53500	41750
Mean	0	0	0	0	36250	39300	40200	39950	42800	48150	54500	58100	60800	62100	64900	62200	66100	68850	59000
Supporting Data																			
Total Number	2	0	1	3	10	10	17	28	20	100	122	160	151	143	88	80	82	147	1164
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: CONSTRUCTION, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33450	35300	37250	39200	41150	43100	45050	47000	48850	52350	56750	59950	61800	62500	62400	61700	60800	58800	56700
Upper Quartile	31300	32950	34650	36350	38100	39800	41500	43150	44750	47800	51650	54500	56250	57100	57200	56800	56200	54750	50850
Median	28750	30200	31650	33150	34650	36150	37650	39100	40500	43150	46550	49150	50900	51850	52150	52050	51700	50650	43850
Lower Quartile	26700	27950	29150	30400	31650	32900	34100	35300	36450	38650	41550	43800	45400	46400	46950	47100	47000	46550	36200
Lower Decile	25300	26300	27350	28350	29350	30350	31350	32300	33250	35000	37400	39350	40850	41950	42650	43050	43300	43350	30500
Mean	29350	30800	32250	33700	35200	36650	38100	39500	40850	43450	46750	49300	51050	52000	52350	52300	52000	51100	43800
Raw (Unsmoothed) Statistics																			
Upper Decile	33200	33850	36850	38200	43600	44400	46700	48150	49250	52300	57700	58450	59450	60850	61500	60150	63050	62750	56700
Upper Quartile	31600	32450	33750	36200	38800	39450	42950	43300	44850	47900	52650	54150	54900	55750	56000	55950	57650	57000	50850
Median	29300	30250	31000	32450	33750	35150	38250	39800	41700	43300	46850	49500	49550	50600	51250	52250	52550	52100	43850
Lower Quartile	27450	28400	28000	30150	30750	32200	33200	35950	37800	38550	42300	44200	44350	46100	45800	45750	47000	48250	36200
Lower Decile	26300	26400	26350	28100	28400	29750	30400	33200	33850	34950	38200	39400	40200	42050	42050	40800	42800	45050	30500
Mean	29550	30700	31450	33500	35350	36200	38350	40000	41550	43500	47450	49150	49800	51000	51500	51150	53250	53050	43800
Supporting Data																			
Total Number	127	121	132	117	120	95	121	205	203	421	380	324	269	200	140	97	72	140	3284
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	6

1989 ENGINEERING SALARY STATISTICS: CONSTRUCTION, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	50750	51950	53150	54400	55650	56850	58100	60500	63900	66950	69500	71500	72950	73950	74550	75050	67850
Upper Quartile	0	0	43100	44550	46000	47400	48750	50100	51400	53800	57050	59750	61900	63500	64700	65450	65900	66300	60450
Median	0	0	36500	38000	39450	40900	42350	43800	45150	47750	51100	53750	55650	56850	57500	57700	57650	57200	53000
Lower Quartile	0	0	31500	32900	34300	35700	37050	38400	39750	42200	45400	47900	49650	50700	51150	51250	51050	50350	45750
Lower Decile	0	0	29250	30500	31750	32950	34150	35350	36450	38600	41250	43300	44650	45400	45650	45600	45350	44650	40000
Mean	0	0	37750	39300	40800	42250	43650	45000	46300	48750	51900	54450	56400	57850	58850	59450	59800	60100	53850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	54500	50000	52700	54800	59600	53450	59750	58650	64150	67100	71350	73100	74800	71600	68400	75600	67850
Upper Quartile	0	0	44750	44000	47750	45500	52450	46350	50000	54300	56450	60500	62850	65000	63550	64750	62650	66350	60450
Median	0	0	35500	37350	41000	40600	48050	40650	44000	47400	50900	54400	56700	56750	56550	55800	56350	59550	53000
Lower Quartile	0	0	30750	30000	34600	37250	39750	37150	39300	42550	45450	48450	51150	48050	50600	49750	50650	53700	45750
Lower Decile	0	0	29000	28500	32200	33400	36550	33700	36400	38850	41500	43800	44700	43750	45950	45100	45800	45800	40000
Mean	0	0	38650	37900	41500	42800	47000	42350	45500	48250	51750	55100	57800	57450	59250	58400	57450	60650	53850
Supporting Data																			
Total Number	0	11	15	20	34	34	31	44	52	151	216	261	212	190	115	119	76	94	1675
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

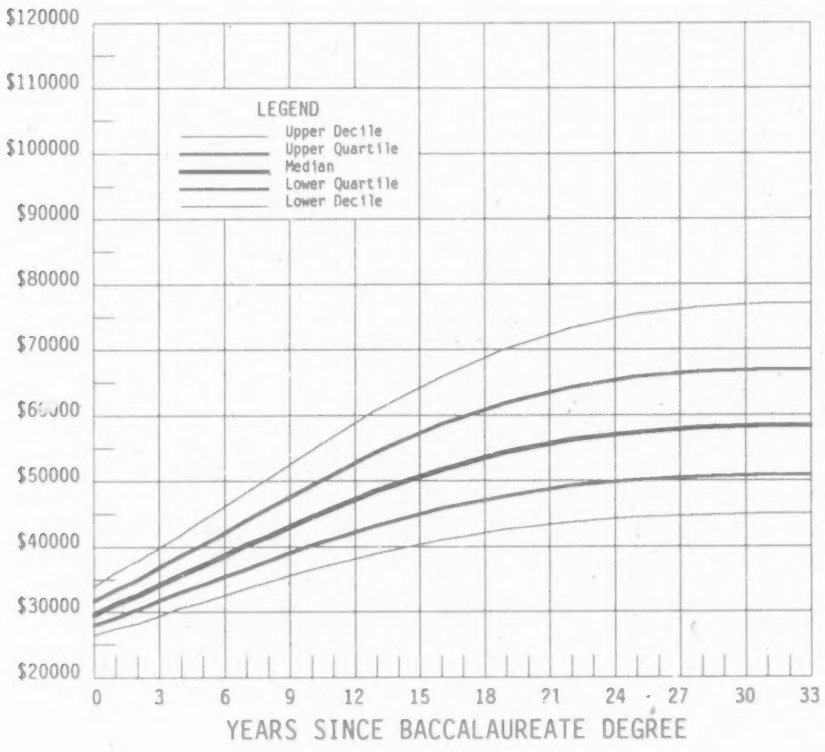
1989 ENGINEERING SALARY STATISTICS: CONSTRUCTION, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	62450	65800	70750	75200	78850	81600	83500	84650	85300	85700	78600
Upper Quartile	0	0	0	0	0	0	0	0	59600	62300	65800	68600	70650	72000	72850	73250	73400	73200	69950
Median	0	0	0	0	0	0	0	0	58650	59300	60850	62650	64250	65450	66300	66800	67050	67200	63800
Lower Quartile	0	0	0	0	0	0	0	0	45950	49400	53950	57600	60150	61650	62250	62300	61950	60800	58950
Lower Decile	0	0	0	0	0	0	0	0	39850	43600	48800	53050	56050	57850	58550	58500	58000	56450	53750
Mean	0	0	0	0	0	0	0	0	53350	56450	60500	63750	66200	67850	68850	69350	69500	69250	65300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	63200	65350	70800	74300	81700	78200	90000	85250	86750	82350	78600
Upper Quartile	0	0	0	0	0	0	0	0	62000	61350	66350	67150	71200	72700	76000	72500	69650	73500	69950
Median	0	0	0	0	0	0	0	0	60000	57700	61700	61850	64550	66300	67450	66600	65450	66400	63800
Lower Quartile	0	0	0	0	0	0	0	0	40250	54000	55100	56950	59650	62050	62000	61400	60750	62000	58950
Lower Decile	0	0	0	0	0	0	0	0	38000	42500	50750	52800	56350	58100	56000	57250	56400	58600	53750
Mean	0	0	0	0	0	0	0	0	54200	56200	61150	62650	66400	67750	71100	70700	67300	68650	65300
Supporting Data																			
Total Number	0	1	1	1	4	4	2	2	10	20	58	97	83	77	40	39	23	46	508
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: CONSTRUCTION, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	48250	49250	50250	51150	52050	52850	53650	55100	56900	58350	59450	60250	60800	61200	61400	61600	58800
Upper Quartile	0	0	41350	42700	44000	45250	46500	47650	48800	50800	53300	55150	56350	57000	57250	57250	57050	56450	54550
Median	0	0	36600	37900	39200	40400	41600	42800	43900	45950	48500	50450	51750	52550	52900	52950	52800	52300	49200
Lower Quartile	0	0	31450	32800	34100	35400	36700	37900	39100	41300	44050	46050	47300	47950	48100	47900	47550	46650	43500
Lower Decile	0	0	29400	30550	31750	32900	34000	35100	36100	38000	40350	42000	43000	43450	43500	43250	42900	42050	38400
Mean	0	0	37350	38600	39800	41000	42150	43250	44300	46200	48600	50400	51600	52300	52600	52650	52500	52050	48850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	51800	47300	50000	48500	56400	52400	51350	56350	55750	59100	59850	60300	60300	61350	61850	60200	58800
Upper Quartile	0	0	40500	42900	43350	43750	51300	45850	47750	52400	52500	55650	56750	55400	57300	56350	58100	57850	54550
Median	0	0	35000	37000	39000	40250	47650	40350	43350	46600	48450	50750	52950	49200	53600	52700	53450	54000	49200
Lower Quartile	0	0	30500	29900	34200	37250	39250	37000	38900	42000	44050	46100	47600	45400	48450	47650	48950	48000	43500
Lower Decile	0	0	28950	28450	32000	34000	36450	33600	36100	38550	40350	41950	42900	42000	44650	43250	42700	42900	38400
Mean	0	0	37300	37200	39450	40800	46250	41800	43450	47000	48300	50650	52300	50400	52900	52350	53200	52950	48850
Supporting Data																			
Total Number	0	10	14	19	30	30	29	42	42	131	158	164	129	113	75	80	53	48	1167
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

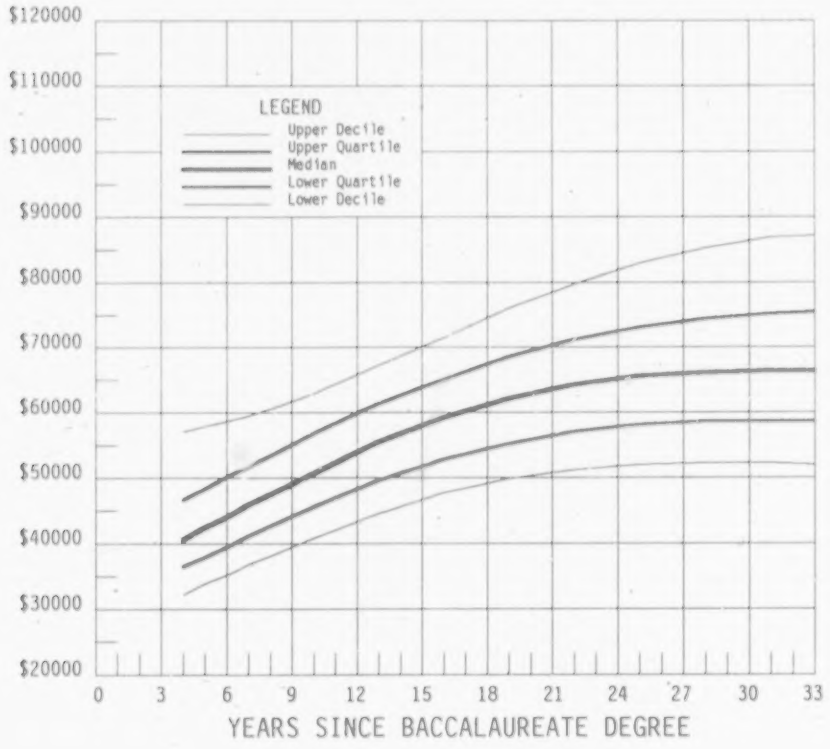
SALARY CURVES FOR ENGINEERS IN CONSULTING & ENGINEERING SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34000	35900	37850	39850	41900	44000	46150	48300	50450	54700	60750	66000	70250	73350	75400	76500	77000	76950	67050
Upper Quartile	31650	33350	35050	36800	38600	40400	42250	44050	45900	49450	54400	58600	61950	64350	65850	66650	66950	66800	58000
Median	29700	31150	32600	34100	35650	37150	38650	40150	41650	44550	48500	51800	54400	56200	57400	58050	58300	58250	48500
Lower Quartile	27950	29200	30450	31700	32950	34200	35450	36650	37850	40150	43250	45800	47800	49250	50150	50700	50950	51000	39800
Lower Decile	26300	27350	28400	29450	30550	31600	32600	33600	34600	36450	38950	41000	42550	43700	44400	44850	45050	45100	33550
Mean	30200	31650	33100	34600	36150	37650	39200	40750	42250	45200	49250	52800	55600	57700	59150	60000	60500	60750	49950
Raw (Unsmoothed) Statistics																			
Upper Decile	33500	35650	37550	39300	42950	43800	46800	48900	50950	54800	60950	66250	69850	70900	75750	75350	76000	79350	67050
Upper Quartile	31800	33300	34950	36650	38800	40150	42750	43750	45750	49350	54550	59300	62100	63150	65850	65700	66900	67550	58000
Median	29850	31100	32500	34150	35750	36900	38800	39950	41750	44600	48300	52150	54700	55650	57550	57500	58050	58600	48500
Lower Quartile	27850	29050	30350	31600	33200	34350	35800	36600	38000	39950	43200	45900	47650	49000	50650	50500	50800	51100	39800
Lower Decile	26100	27200	28200	29450	30900	32150	32600	33800	34600	36350	38750	40900	42350	44050	44750	45150	44350	45200	33550
Mean	30000	31750	32900	34450	36650	37650	39450	40650	42250	45100	49250	53150	55600	56800	59700	59550	60150	61250	49950
Supporting Data																			
Total Number	348	364	478	544	572	583	633	675	715	1820	1925	1953	1702	1454	1170	1050	913	1515	18414
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	5	2	13	26
Less Than $22000	3	1	4	3	1	0	2	1	0	1	0	0	0	1	0	1	1	0	19

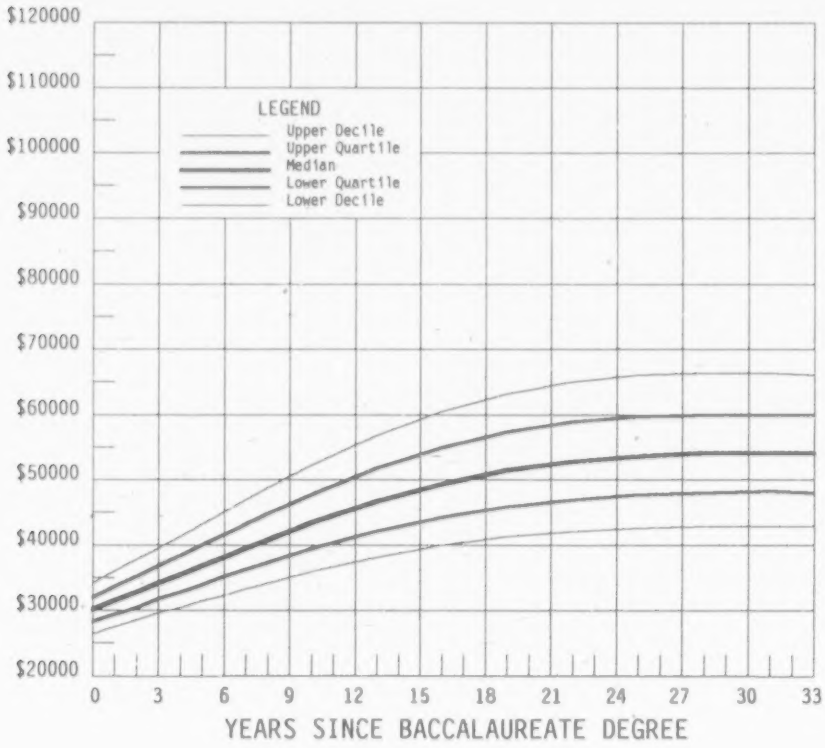
SALARY CURVES FOR ENGINEERS IN CONSULTING & ENGINEERING SERVICES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	57150	57800	58600	59500	60600	63000	67200	71600	75950	79800	82950	85300	86850	88300	78600
Upper Quartile	0	0	0	0	46600	48350	50050	51750	53400	56700	61200	65200	68500	71100	73000	74350	75250	76250	69100
Median	0	0	0	0	40550	42300	44050	45750	47500	50800	55350	59150	62100	64200	65500	66200	66450	66300	61200
Lower Quartile	0	0	0	0	36400	38000	39550	41100	42600	45550	49500	52800	55300	57050	58050	58550	58650	58350	53450
Lower Decile	0	0	0	0	32300	33750	35250	36700	38100	40850	44550	47600	49800	51200	51950	52200	52150	51550	46450
Mean	0	0	0	0	42100	43750	45350	46900	48500	51550	55750	59450	62500	64900	66600	67800	68550	69300	62300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	61050	60200	55800	59200	61400	61700	67200	72500	76600	77450	85550	84500	85900	88400	78600
Upper Quartile	0	0	0	0	50750	45100	47600	51500	53950	56850	61800	65650	68600	69400	73650	73750	74650	77100	69100
Median	0	0	0	0	40250	40250	43050	45350	48350	50800	56200	59600	61900	62800	65850	65500	65700	67300	61200
Lower Quartile	0	0	0	0	36750	35750	40000	41150	42250	45850	49400	53450	55550	55600	58750	58100	57700	59100	53450
Lower Decile	0	0	0	0	34200	34300	36500	34400	38650	40050	44450	47950	50300	50200	52550	52150	52450	51350	46450
Mean	0	0	0	0	44350	43000	44450	46650	48850	51050	55900	59950	62800	63200	67900	67800	67800	69600	62300
Supporting Data																			
Total Number	1	4	9	10	22	29	52	54	82	246	484	689	644	546	457	392	348	599	4668
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	3	2	9	18
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3

SALARY CURVES FOR ENGINEERS IN CONSULTING & ENGINEERING SERVICES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34250	36000	37800	39600	41400	43250	45100	46900	48700	52150	56750	60500	63250	65050	66050	66400	66350	65650	59450
Upper Quartile	32000	33550	35150	36750	38350	39950	41550	43150	44700	47650	51650	54850	57250	58850	59700	60100	60100	59650	52600
Median	30000	31350	32750	34100	35500	36850	38200	39550	40850	43350	46650	49350	51400	52800	53650	54050	54150	54000	44900
Lower Quartile	28200	29350	30500	31700	32850	34000	35150	36250	37300	39350	42050	44200	45850	46950	47650	48000	48150	48050	37550
Lower Decile	26500	27500	28500	29500	30500	31450	32400	33350	34250	35900	38100	39900	41200	42100	42650	42900	43000	42950	32400
Mean	30400	31750	33100	34500	35850	37250	38600	39950	41250	43750	47100	49850	52000	53450	54400	54900	55100	55000	45800
Raw (Unsmoothed) Statistics																			
Upper Decile	33500	35550	37450	39250	42300	43500	46250	47450	49000	52750	56650	59500	62300	63500	65050	66050	68450	67000	59450
Upper Quartile	31800	33250	34900	36650	38550	40000	42200	43250	44750	48200	51450	54400	56900	58250	59050	59700	60950	60450	52600
Median	29850	31100	32500	34150	35600	36750	38450	39600	41300	43850	46500	49000	50850	52100	53750	53800	54200	54800	44900
Lower Quartile	27850	29050	30400	31550	33150	34300	35550	36450	37600	39550	42000	43750	45000	47000	47650	48100	48050	48600	37550
Lower Decile	26100	27150	28300	29400	30900	32100	32500	33750	34350	36150	38050	39050	40700	42400	42950	42950	42500	43500	32400
Mean	29900	31650	32900	34400	36300	37400	39000	40150	41400	44150	47000	49450	51250	52900	54450	54650	55450	55800	45800
Supporting Data																			
Total Number	347	360	469	534	550	554	581	621	633	1574	1441	1264	1058	908	713	658	565	916	13746
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	8
Less Than $22000	3	1	2	3	1	0	2	1	0	1	0	0	0	0	0	1	1	0	16

1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33600	35400	37300	39200	41200	43200	45250	47250	49300	53250	58850	63650	67400	70100	71800	72700	73000	72750	63500
Upper Quartile	31650	33250	34900	36550	38250	39950	41650	43350	45050	48350	52900	56700	59700	61850	63200	63900	64200	64100	54850
Median	29750	31150	32550	33950	35350	36750	38150	39550	40900	43550	47150	50100	52450	54100	55200	55800	56050	56050	45700
Lower Quartile	28050	29200	30350	31550	32700	33850	35000	36100	37200	39250	42050	44400	46200	47500	48400	48900	49150	49300	37600
Lower Decile	26300	27300	28300	29250	30250	31200	32150	33100	34000	35700	37950	39850	41300	42400	43100	43550	43800	43950	32200
Mean	30100	31450	32850	34300	35700	37150	38550	40000	41400	44100	47800	50950	53500	55350	56600	57400	57800	58000	47200
Raw (Unsmoothed) Statistics																			
Upper Decile	33400	35100	37150	38400	42300	43100	45950	47550	48900	53550	59500	64850	66300	67150	70400	69600	74950	75100	63500
Upper Quartile	31750	32900	34750	36500	38650	39650	42350	43250	44600	48450	53050	57350	59750	60550	62400	62650	65350	64750	54850
Median	29800	30850	32350	33950	35800	36400	38550	39500	41200	43600	47100	50550	51850	53550	55150	55350	56200	56550	45700
Lower Quartile	27850	28900	30250	31450	33100	34100	35450	36250	37450	39200	42100	44250	45500	47800	48100	48700	49250	49700	37600
Lower Decile	26100	27000	28000	29200	30600	31900	32600	33400	34150	35600	37800	39400	40950	42850	43150	43950	43250	44200	32200
Mean	29900	31250	32650	34100	36450	37100	39000	40100	41300	44150	47900	51350	52900	54550	56100	56650	58150	58850	47200
Supporting Data																			
Total Number	344	334	394	433	440	428	461	483	512	1213	1153	1094	968	807	624	574	566	994	11822
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	9	11
Less Than $22000	3	1	4	3	1	0	2	1	0	1	0	0	0	1	0	0	1	0	18

1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51250	52800	54350	55850	57400	60350	64650	68550	72050	75100	77600	79650	81250	83600	75150
Upper Quartile	0	0	0	0	44250	46000	47750	49500	51250	54600	59250	63250	66500	68950	70650	71750	72400	72900	66750
Median	0	0	0	0	39300	40950	42650	44300	45950	49150	53500	57200	60050	62100	63350	64100	64350	64300	59000
Lower Quartile	0	0	0	0	36050	37450	38850	40250	41600	44250	47800	50750	53000	54600	55600	56150	56350	56300	50700
Lower Decile	0	0	0	0	32000	33250	34500	35700	36850	39150	42250	44850	46900	48350	49350	49900	50200	50300	43550
Mean	0	0	0	0	40650	42150	43700	45200	46700	49600	53600	57100	60050	62300	64000	65150	65900	66650	59650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	57200	46400	56150	57800	52550	61250	63950	71850	71550	72000	77050	79350	81500	84550	75150
Upper Quartile	0	0	0	0	46250	42800	46450	48750	49900	55350	60350	65400	65700	66400	70000	68800	74050	74250	66750
Median	0	0	0	0	38400	39500	42500	44700	45500	49400	53800	58400	60050	60400	62900	62550	64550	65300	59000
Lower Quartile	0	0	0	0	36100	35650	39050	41400	41400	44200	47700	51500	52950	53150	56600	55650	55950	56700	50700
Lower Decile	0	0	0	0	33400	34450	35800	33550	38150	38100	41900	45600	46650	47700	50250	50300	51350	49500	43550
Mean	0	0	0	0	41200	39900	43550	45500	45900	49750	53900	58650	59750	60300	63750	64200	66050	67550	59650
Supporting Data																			
Total Number	1	3	8	9	17	24	39	41	53	173	257	350	334	291	234	215	226	399	2674
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	8	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33700	35450	37200	39000	40800	42650	44450	46200	47950	51250	55600	59000	61350	62750	63300	63350	63000	61950	57100
Upper Quartile	31900	33400	34900	36450	38000	39550	41050	42550	44000	46800	50450	53400	55550	56950	57700	57950	57900	57400	50250
Median	29950	31250	32550	33900	35200	36500	37800	39050	40300	42600	45650	48100	49900	51050	51750	52000	52050	51700	42750
Lower Quartile	28150	29250	30400	31500	32600	33700	34750	35800	36800	38700	41200	43150	44650	45600	46200	46450	46550	46400	35900
Lower Decile	26400	27400	28350	29250	30200	31100	32000	32900	33700	35250	37300	38950	40150	40950	41500	41750	41900	41850	31250
Mean	30150	31500	32850	34150	35500	36800	38150	39400	40650	43000	46050	48550	50350	51500	52150	52450	52450	52150	43550
Raw (Unsmoothed) Statistics																			
Upper Decile	33350	35050	37050	38400	41900	42800	45450	46650	47600	51750	55950	58000	60400	61250	61950	62700	65350	63050	57100
Upper Quartile	31750	32900	34750	36500	38450	39450	41800	42700	43900	47150	50750	52800	54650	56250	56950	57800	58500	58350	50250
Median	29800	30850	32350	33950	35700	36250	38200	39150	40800	42900	45800	47700	48700	50950	51300	51750	52250	52600	42750
Lower Quartile	27800	28900	30300	31400	33050	33950	35200	36100	37150	38850	41300	42550	43500	46050	45650	46350	46150	47400	35900
Lower Decile	26100	26950	28150	29150	30600	31800	32500	33350	34000	35350	37100	38150	39100	41650	41900	41500	41750	42400	31250
Mean	29800	31250	32650	34050	36250	36950	38600	39600	40800	43200	46200	47950	49300	51350	51550	52150	52900	53050	43550
Supporting Data																			
Total Number	343	331	386	424	423	404	422	442	459	1040	896	744	634	516	390	359	340	595	9148
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	3	1	2	3	1	0	2	1	0	1	0	0	0	0	0	0	1	0	15

1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40700	42650	44650	46650	48700	50750	52800	56850	62600	67750	72000	75350	77800	79400	80400	81250	70000
Upper Quartile	0	0	35950	37800	39600	41500	43400	45250	47150	50850	55950	60350	63800	66250	67800	68600	68950	68750	60600
Median	0	0	32950	34550	36150	37800	39400	41000	42600	45700	49950	53550	56250	58150	59300	59900	60050	59800	52000
Lower Quartile	0	0	31000	32350	33700	35050	36350	37700	39000	41500	44900	47750	49900	51450	52450	53000	53200	53200	43750
Lower Decile	0	0	29200	30350	31450	32600	33700	34800	35850	37850	40600	42800	44550	45750	46550	47000	47200	47250	37200
Mean	0	0	34200	35750	37300	38900	40500	42100	43650	46700	50950	54650	57600	59850	61350	62300	62850	63150	53400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39600	42800	44700	45100	50900	51150	54650	55850	63150	67250	73500	73500	78900	78350	76500	84300	70000
Upper Quartile	0	0	35650	37400	39350	41150	43800	45400	48000	51100	55750	60650	64600	65200	66750	67400	66800	71600	60600
Median	0	0	33200	34750	35550	38000	39200	40750	42850	45950	49550	53800	57550	57550	58800	58250	59250	61250	52000
Lower Quartile	0	0	30900	32150	33400	35150	36500	37850	38950	41700	44650	47750	51550	49700	53100	51600	52000	54750	43750
Lower Decile	0	0	29050	30250	32200	32950	32800	34500	35650	38200	40350	42700	45450	44850	47000	47050	46650	47400	37200
Mean	0	0	34150	35650	37250	38950	40650	41900	43950	46600	50800	54900	58900	58400	61600	61350	61600	64500	53400
Supporting Data																			
Total Number	4	30	83	110	131	148	165	178	180	548	688	750	607	529	390	355	261	399	5556
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	5	1	2	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	58850	60050	61350	64200	68900	73750	78550	82850	86500	89300	91250	93200	80300
Upper Quartile	0	0	0	0	0	0	54400	55550	56750	59200	62950	66600	69900	72800	75100	76850	78050	79150	70550
Median	0	0	0	0	0	0	48800	50150	51500	54050	57550	60600	63100	65100	66650	67800	68550	69500	62700
Lower Quartile	0	0	0	0	0	0	43100	44450	45800	48350	51850	54850	57250	59050	60350	61250	61750	62250	56100
Lower Decile	0	0	0	0	0	0	38650	40100	41450	44100	47600	50500	52700	54200	55100	55500	55650	55400	50450
Mean	0	0	0	0	0	0	48650	50000	51350	54050	57900	61450	64550	67150	69200	70700	71750	72700	64650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	55700	66800	62350	62800	69000	73250	80800	79050	91600	87400	89900	93650	80300
Upper Quartile	0	0	0	0	0	0	53750	54100	59650	58500	63350	65450	71350	72400	76100	77100	73850	80450	70550
Median	0	0	0	0	0	0	45500	50500	54250	54400	57300	60300	63500	65300	66950	67800	65800	70550	62700
Lower Quartile	0	0	0	0	0	0	42250	40250	50200	48750	51300	54800	57900	58700	60900	60650	59900	63150	56100
Lower Decile	0	0	0	0	0	0	38900	38300	39500	45800	47650	50050	53900	53400	55500	54700	53050	56950	50450
Mean	0	0	0	0	0	0	47250	50300	52900	54050	57800	61000	65550	66050	70550	71150	69150	73350	64650
Supporting Data																			
Total Number	0	1	1	1	5	5	13	13	25	68	208	302	273	215	151	126	91	156	1654
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	1	1	8
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40700	42250	43800	45350	46900	48450	49950	52850	56900	60450	63400	65700	67400	68650	69450	70400	61250
Upper Quartile	0	0	36150	37700	39300	40900	42500	44050	45600	48500	52450	55650	58100	59750	60750	61200	61350	61050	55000
Median	0	0	33500	34850	36250	37600	39000	40350	41650	44150	47550	50350	52550	54100	55050	55600	55850	55850	47750
Lower Quartile	0	0	31400	32550	33750	34900	36050	37200	38300	40400	43200	45500	47250	48500	49300	49750	49950	50000	40950
Lower Decile	0	0	29450	30450	31500	32500	33500	34450	35350	37100	39400	41200	42550	43450	44050	44350	44450	44350	35450
Mean	0	0	34350	35700	37050	38350	39700	41000	42300	44750	48050	50900	53150	54800	55950	56700	57100	57450	48600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39200	42250	42900	43800	49600	49350	50200	54200	56300	60350	63200	63550	66000	67700	70500	73350	61250
Upper Quartile	0	0	35550	37300	38650	40850	42950	44700	46050	49550	51750	55450	58200	59000	59700	60150	62100	62700	55000
Median	0	0	33150	34700	35400	37900	38800	40550	42150	45150	47250	50000	53100	52450	55150	54450	56150	57500	47750
Lower Quartile	0	0	30900	32150	33300	35100	36300	37600	38550	41150	42900	45100	47500	47150	49600	49250	50400	50850	40950
Lower Decile	0	0	29050	30200	32150	32950	32500	34300	35250	37800	39050	40950	43050	42650	44500	44500	43650	44850	35450
Mean	0	0	33850	35500	36500	38300	40050	41250	42500	45550	47800	50750	53400	53150	55950	55950	57500	58850	48600
Supporting Data																			
Total Number	4	29	82	109	126	143	152	165	155	480	480	448	334	314	239	229	170	243	3902
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	54100	56100	60000	65850	71400	76500	80950	84600	87400	89350	91450	81900
Upper Quartile	0	0	0	0	0	0	0	49000	50800	54400	59450	64000	67950	71100	73500	75200	76300	77250	70250
Median	0	0	0	0	0	0	0	44400	46000	49100	53400	57100	60150	62550	64300	65550	66300	66950	60700
Lower Quartile	0	0	0	0	0	0	0	41050	42400	44900	48450	51500	54000	55950	57400	58400	59050	59700	53000
Lower Decile	0	0	0	0	0	0	0	37700	38900	41250	44350	46950	49100	50700	51900	52700	53200	53650	47000
Mean	0	0	0	0	0	0	0	46100	47650	50650	54950	58800	62100	64850	67000	68600	69700	70800	63200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	51800	58800	59300	67200	70550	74900	78800	92400	84100	88000	90550	81900
Upper Quartile	0	0	0	0	0	0	0	47750	53250	53600	59500	63700	67750	70400	77000	73750	74500	77000	70250
Median	0	0	0	0	0	0	0	42500	49500	48050	53000	58300	58950	62650	65350	66100	65850	66000	60700
Lower Quartile	0	0	0	0	0	0	0	38500	44550	44800	47900	53250	52600	56650	56750	58700	59150	59850	53000
Lower Decile	0	0	0	0	0	0	0	36400	41300	40450	44450	47300	47750	51800	52450	53800	52700	52400	47000
Mean	0	0	0	0	0	0	0	43550	50100	50750	54700	59100	60700	64600	69450	68200	69000	70100	63200
Supporting Data																			
Total Number	0	0	1	1	1	7	7	14	23	59	84	109	127	118	156	121	86	122	1036
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

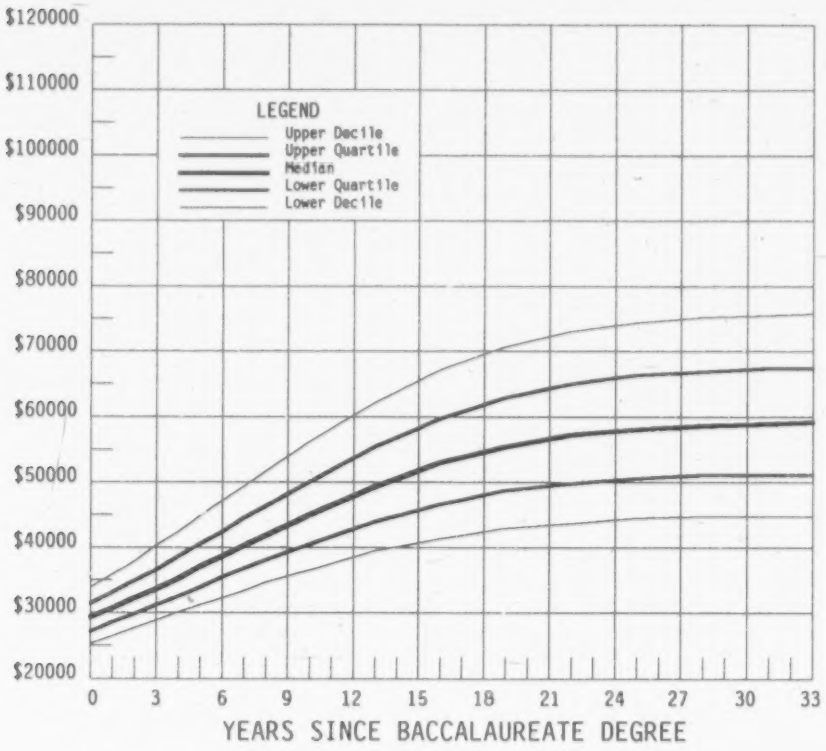
1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	76550	80050	84150	88000	91200	93450	94850	95950	89700
Upper Quartile	0	0	0	0	0	0	0	0	0	0	65300	70300	74600	78050	80750	82600	83800	84850	78600
Median	0	0	0	0	0	0	0	0	0	0	60350	64400	67550	69900	71600	72750	73500	74250	70000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	55900	58750	61150	63100	64600	65650	66350	67000	62150
Lower Decile	0	0	0	0	0	0	0	0	0	0	49550	53450	56150	58000	59200	59900	60300	60600	56550
Mean	0	0	0	0	0	0	0	0	0	0	61550	65500	68800	71500	73550	75000	75900	76700	71750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	78200	77750	86500	81650	97800	94500	94500	90750	89700
Upper Quartile	0	0	0	0	0	0	0	0	0	0	66500	68600	75300	76650	84000	80250	84050	84000	78600
Median	0	0	0	0	0	0	0	0	0	0	61200	62750	69650	69150	72000	72200	73200	74500	70000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	56750	57500	62450	61350	65800	66500	65000	66400	62150
Lower Decile	0	0	0	0	0	0	0	0	0	0	49700	53500	55550	57350	60100	60900	60100	59200	56550
Mean	0	0	0	0	0	0	0	0	0	0	62450	64150	70100	69000	75900	74800	76250	75100	71750
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	4	5	19	37	37	40	72	51	31	44	340
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	52700	54200	57250	61700	66000	70100	73850	77200	80050	82450	86250	73050
Upper Quartile	0	0	0	0	0	0	0	48400	49900	52800	56800	60250	63100	65300	66900	68000	68700	69450	64050
Median	0	0	0	0	0	0	0	44050	45350	47950	51500	54600	57100	59050	60500	61500	62100	62800	57000
Lower Quartile	0	0	0	0	0	0	0	41000	42150	44300	47250	49800	51900	53550	54800	55700	56300	57000	50300
Lower Decile	0	0	0	0	0	0	0	36500	37750	40150	43400	46100	48100	49500	50350	50750	50900	50750	45300
Mean	0	0	0	0	0	0	0	45650	46900	49350	52800	55950	58650	60950	62850	64300	65450	67000	59000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	51800	53300	58150	61500	66800	68800	72250	86000	75000	75700	90350	73050
Upper Quartile	0	0	0	0	0	0	0	47750	51350	52100	57250	60800	61550	67000	66650	67300	69650	69200	64050
Median	0	0	0	0	0	0	0	42500	47500	47700	50550	56650	56200	60000	59100	61350	63000	62900	57000
Lower Quartile	0	0	0	0	0	0	0	38500	43750	44750	47250	50000	51100	54500	54050	56400	55450	57400	50300
Lower Decile	0	0	0	0	0	0	0	36400	37900	40200	44150	45800	45800	51200	51000	52150	50500	49900	45300
Mean	0	0	0	0	0	0	0	43550	47550	50350	52400	56550	56850	62350	63850	63400	64900	67300	59000
Supporting Data																			
Total Number	0	0	1	1	1	7	7	14	19	54	65	72	90	78	84	70	55	78	696
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

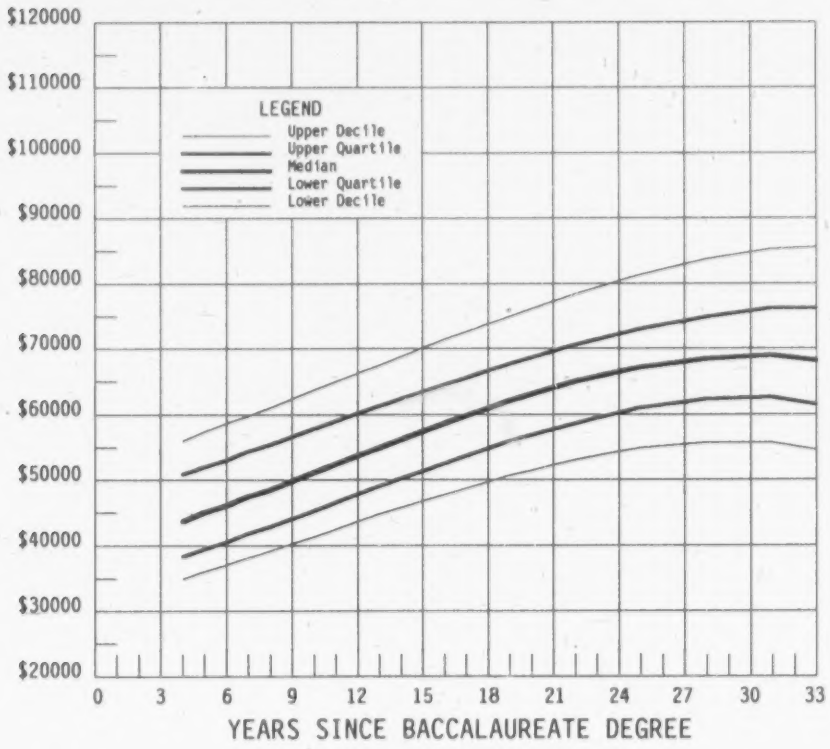
SALARY CURVES FOR ENGINEERS IN CONSULTING
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CONSULTING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33750	35800	38000	40200	42450	44800	47100	49450	51750	56200	62200	67100	70650	73050	74450	75200	75550	75750	67000
Upper Quartile	31450	33100	34850	36650	38550	40500	42450	44400	46400	50200	55450	59750	62950	65100	66350	67050	67350	67500	58600
Median	29250	30650	32150	33700	35300	36950	38600	40250	41900	45100	49400	52950	55500	57250	58250	58800	59050	59200	49000
Lower Quartile	27200	28450	29800	31150	32550	33950	35350	36700	38100	40650	44050	46750	48700	49950	50700	51100	51300	51400	40050
Lower Decile	25300	26450	27600	28800	30000	31150	32350	33450	34600	36650	39350	41450	42900	43850	44450	44700	44850	44900	33050
Mean	29850	31250	32750	34300	35900	37550	39200	40900	42550	45850	50250	53850	56500	58300	59350	59900	60150	60300	50050
Raw (Unsmoothed) Statistics																			
Upper Decile	33250	36000	38400	39750	43750	44050	48300	49350	51300	56050	62300	66250	69800	71250	75950	72500	75800	81500	67000
Upper Quartile	31450	33250	34750	36500	38750	40050	43400	43850	46050	50050	56000	60250	62800	63850	66100	64950	67400	69650	58600
Median	29500	30900	31700	33450	35200	36450	39300	40200	42150	45100	49300	53500	55600	56400	57950	56900	58950	60750	49000
Lower Quartile	27250	28850	29400	30750	32800	33800	35600	36700	38600	40350	44000	47450	48700	48900	50800	50050	51400	52300	40050
Lower Decile	25250	26900	27200	28450	30500	31250	32000	33650	34950	36400	39500	41650	42550	43800	44300	44400	44350	45750	33050
Mean	29500	31850	32500	34000	36550	37450	39800	40650	42700	45550	50200	54000	56250	57000	59600	58200	60550	63050	50050
Supporting Data																			
Total Number	197	192	242	276	266	268	312	364	385	983	1038	1151	936	729	544	443	404	662	9392
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	8	13
Less Than $22000	3	0	4	2	1	0	2	1	0	1	0	0	0	1	0	0	0	0	15

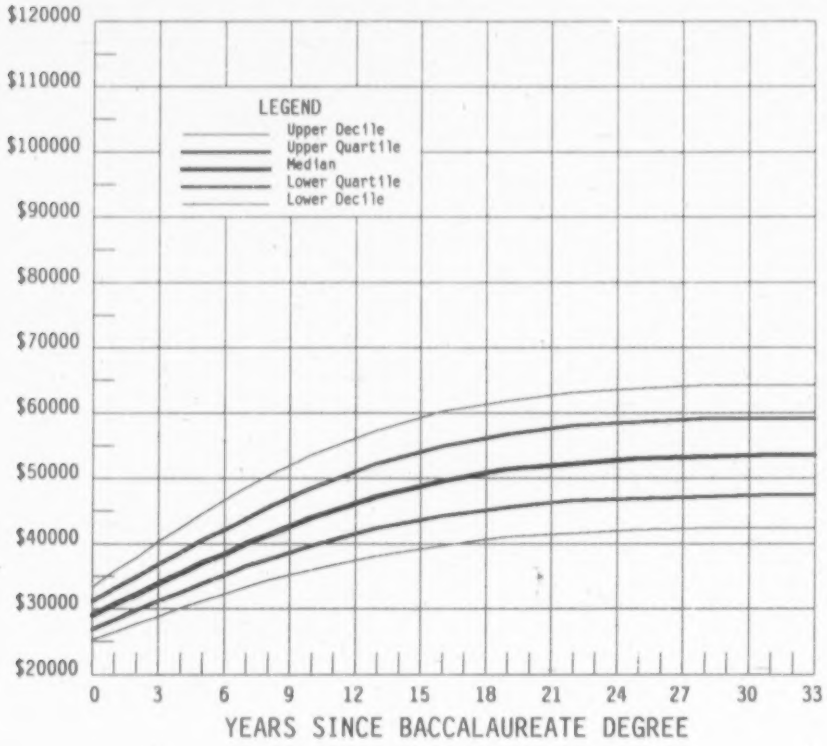
SALARY CURVES FOR ENGINEERS IN CONSULTING SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CONSULTING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	56050	57300	58550	59800	61100	63700	67550	71400	75050	78400	81300	83650	85350	86000	77600
Upper Quartile	0	0	0	0	50900	52000	53150	54300	55450	57800	61300	64650	67850	70700	73150	75000	76250	75900	68550
Median	0	0	0	0	43750	44950	46150	47400	48650	51200	55000	58700	62100	65000	67200	68600	69050	65550	61800
Lower Quartile	0	0	0	0	38300	39400	40600	41750	42950	45400	49050	52650	55950	58800	61000	62300	62600	58750	54650
Lower Decile	0	0	0	0	35050	36100	37150	38200	39250	41450	44700	47850	50750	53100	54850	55750	55800	51700	47200
Mean	0	0	0	0	44650	45850	47000	48200	49400	51850	55550	59150	62500	65500	67900	69600	70400	68300	62350
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	62400	61800	56400	55800	62650	62600	67150	71550	76150	76350	83900	82700	85050	85950	77600
Upper Quartile	0	0	0	0	60000	45100	48100	52250	56000	58300	62500	65150	68300	69700	74400	71650	74500	76950	68550
Median	0	0	0	0	47000	39100	42950	43500	45500	51350	57200	60350	62400	63750	66150	65100	66750	67050	61800
Lower Quartile	0	0	0	0	36500	35300	38950	40500	40600	44700	50150	54750	56950	57700	59400	58200	60150	60400	54650
Lower Decile	0	0	0	0	35200	34050	35800	36400	38150	39000	45500	50400	52000	51650	53500	52550	52950	53150	47200
Mean	0	0	0	0	46300	42800	44500	45750	48400	51200	56550	60400	63500	63850	68200	66250	68500	69500	62350
---------- Supporting Data ----------																			
Total Number	1	3	5	8	12	21	29	22	44	137	290	465	395	307	236	181	179	349	2684
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	5	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3

SALARY CURVES FOR ENGINEERS IN CONSULTING NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: CONSULTING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	33350	35700	38000	40250	42450	44550	46600	48500	50300	53500	57400	60150	62000	63200	63850	64200	64350	64450	58600
Upper Quartile	31200	33050	34950	36800	38650	40450	42200	43850	45500	48450	52150	54900	56850	58050	58750	59150	59300	59400	52150
Median	29000	30650	32250	33850	35450	37000	38500	40000	41400	43950	47200	49650	51350	52400	53050	53400	53550	53600	44750
Lower Quartile	27000	28400	29850	31250	32650	33950	35250	36500	37650	39800	42400	44350	45700	46550	47000	47300	47400	47450	37350
Lower Decile	25250	26500	27700	28900	30050	31200	32300	33300	34300	36100	38250	39850	40950	41650	42050	42300	42400	42450	31650
Mean	29450	31100	32700	34350	35950	37500	39000	40450	41850	44400	47550	49950	51550	52600	53250	53550	53700	53750	45150
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33200	35900	38300	39700	43000	43450	47500	48600	49900	53700	57750	59300	61800	62600	63650	63350	65650	66400	58600
Upper Quartile	31450	33250	34750	36400	38450	39800	42900	43600	45450	48950	52450	54700	56500	57600	58450	58200	59750	60300	52150
Median	29450	30900	31750	33400	35000	36300	39000	40000	41900	44550	47150	49850	50900	51200	53500	53000	53850	53950	44750
Lower Quartile	27200	28800	29500	30700	32700	33600	35150	36600	38350	39900	42650	44550	44900	46300	46750	46850	47650	48150	37350
Lower Decile	25250	26900	27500	28400	30400	31150	31800	33450	34750	36200	38600	39050	40900	41850	42250	41800	42200	43300	31650
Mean	29350	31700	32550	33900	36100	37000	39300	40350	42000	44650	47750	49650	50950	52050	53050	52650	54200	55900	45150
---------- Supporting Data ----------																			
Total Number	196	189	237	268	254	247	283	342	341	846	748	686	541	422	308	262	225	313	6708
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Less Than $22000	3	0	2	2	1	0	2	1	0	1	0	0	0	0	0	0	0	0	12

1989 ENGINEERING SALARY STATISTICS: CONSULTING, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33150	35200	37350	39550	41750	44050	46300	48550	50800	55150	60900	65600	69000	71250	72600	73300	73650	73800	65350
Upper Quartile	31350	32950	34650	36400	38250	40150	42050	44000	45900	49650	54750	58950	62050	64100	65350	66000	66300	66450	56700
Median	29200	30600	32050	33600	35150	36750	38350	39950	41550	44600	48700	52000	54400	55950	56900	57400	57650	57750	46800
Lower Quartile	27050	28300	29600	30900	32250	33600	34950	36250	37550	40000	43200	45700	47500	48650	49350	49750	49900	50000	38250
Lower Decile	25150	26250	27400	28550	29700	30800	31950	33050	34100	36100	38650	40600	41950	42850	43400	43650	43800	43850	31600
Mean	29500	30900	32400	33900	35500	37100	38700	40350	41950	45050	49300	52700	55150	56800	57800	58300	58550	58700	48150
Raw (Unsmoothed) Statistics																			
Upper Decile	33200	34850	37800	38750	43050	43600	46650	49250	50100	55200	61150	65500	67050	68200	72900	70350	76550	78850	65350
Upper Quartile	31450	32700	34700	36350	38500	39500	43100	43800	45500	49500	55400	59000	61500	62250	64700	63600	68900	68550	56700
Median	29450	30550	31600	33300	35350	35850	39250	40550	42100	44500	48400	52300	53350	55000	56300	56200	58800	59850	46800
Lower Quartile	27200	28600	29100	30400	32600	33300	34750	36800	38750	39650	43150	46150	46750	47900	48250	49150	50800	51450	38250
Lower Decile	25250	26650	26800	28000	30050	30750	31800	34050	34900	35800	38450	40250	41650	42700	42600	44050	43550	45250	31600
Mean	29500	31050	32150	33550	36200	36700	39200	40700	42250	44850	49200	52700	54150	55300	57250	56900	60450	61500	48150
Supporting Data																			
Total Number	196	170	188	200	174	174	209	248	265	632	609	647	526	416	303	244	248	468	5917
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	6
Less Than $22000	3	0	4	2	1	0	2	1	0	1	0	0	0	1	0	0	0	0	15

1989 ENGINEERING SALARY STATISTICS: CONSULTING, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	53950	55200	56500	57750	60350	64250	68150	71900	75400	78450	80950	82750	83550	75700
Upper Quartile	0	0	0	0	0	48550	49800	51050	52350	54950	58900	62800	66450	69800	72550	74550	75700	74150	67600
Median	0	0	0	0	0	43000	44250	45550	46850	49500	53500	57450	61100	64300	66800	68350	68850	64950	61000
Lower Quartile	0	0	0	0	0	38100	39200	40350	41550	43900	47500	51050	54400	57250	59550	60950	61450	58000	52600
Lower Decile	0	0	0	0	0	33750	34750	35800	36850	39000	42250	45400	48350	50850	52750	53800	54050	50350	43300
Mean	0	0	0	0	0	43550	44750	45950	47150	49650	53400	57100	60650	63800	66400	68250	69250	67200	60700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	45950	56000	61600	52300	61800	64700	71600	71800	71500	78800	76800	84200	84300	75700
Upper Quartile	0	0	0	0	0	42100	47000	50000	47400	56550	61750	65550	66150	67350	72000	69150	75100	75550	67600
Median	0	0	0	0	0	38400	41750	43500	43750	48900	56950	60200	61600	62150	65200	63150	67600	66400	61000
Lower Quartile	0	0	0	0	0	35300	37350	41500	40250	42250	48850	53800	55350	55850	58000	56800	60200	59100	52600
Lower Decile	0	0	0	0	0	34300	34000	37200	35400	36000	42600	48700	50150	48600	51450	50700	52850	51200	43300
Mean	0	0	0	0	0	39300	43100	45750	44450	49250	55150	59800	61300	61300	65700	63750	68650	68350	60700
Supporting Data																			
Total Number	1	2	4	7	8	17	20	16	27	90	143	217	186	157	124	102	118	246	1485
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: CONSULTING, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32900	35200	37450	39700	41900	44000	46050	48000	49800	53050	57000	59800	61750	62950	63600	64000	64150	64200	57750
Upper Quartile	31100	32950	34850	36700	38500	40300	42050	43700	45300	48200	51800	54500	56350	57500	58200	58550	58750	58800	51100
Median	28950	30600	32200	33800	35400	36950	38400	39850	41200	43700	46800	49050	50650	51650	52250	52550	52700	52750	43550
Lower Quartile	26900	28300	29700	31050	32400	33700	34950	36150	37250	39300	41800	43650	44950	45750	46200	46450	46550	46600	36050
Lower Decile	25050	26300	27500	28650	29800	30950	32000	33000	33950	35700	37850	39400	40450	41100	41500	41700	41800	41850	30600
Mean	29200	30850	32500	34100	35700	37250	38700	40150	41500	43950	47000	49250	50800	51750	52350	52600	52750	52800	43950
Raw (Unsmoothed) Statistics																			
Upper Decile	33100	34850	37850	38900	42750	43000	46200	48650	49700	52950	57800	58900	62200	62350	62700	62900	65700	64950	57750
Upper Quartile	31400	32750	34800	36300	38500	39250	42800	43600	45250	48550	52500	54350	55900	57150	57100	57800	58900	59650	51100
Median	29450	30550	31700	33250	35200	35650	39050	40200	41950	44100	46800	49700	49700	51150	51500	52300	52850	53100	43550
Lower Quartile	27200	28600	29300	30350	32450	33050	34350	36650	38600	39350	42250	43750	44100	45950	45200	45900	45800	47650	36050
Lower Decile	25250	26650	27100	27850	29950	30600	31600	34000	34850	35750	37950	38600	40100	41500	41300	41050	41650	43050	30600
Mean	29350	31050	32300	33500	36000	36450	38750	40350	42000	44100	47350	49100	50250	51650	51400	52000	53000	53850	43950
Supporting Data																			
Total Number	195	168	184	193	166	157	189	232	238	542	466	430	340	259	179	142	130	222	4432
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	3	0	2	2	1	0	2	1	0	1	0	0	0	0	0	0	0	0	12

1989 ENGINEERING SALARY STATISTICS: CONSULTING, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40650	42650	44700	46850	49050	51250	53450	57800	63700	68550	72150	74550	76000	76800	77150	77300	68600
Upper Quartile	0	0	34800	36900	39000	41150	43250	45350	47450	51400	56700	60900	63950	65950	67150	67750	68050	68200	60350
Median	0	0	31700	33500	35300	37150	38950	40800	42550	46000	50500	54150	56750	58500	59500	60050	60300	60400	51650
Lower Quartile	0	0	30050	31500	33000	34450	35950	37450	38900	41650	45300	48150	50250	51600	52400	52800	53000	53100	42900
Lower Decile	0	0	28700	29850	31000	32150	33350	34500	35650	37800	40700	42950	44600	45650	46300	46650	46800	46850	36050
Mean	0	0	33700	35200	36800	38450	40150	41850	43550	46900	51450	55150	57950	59800	60900	61500	61750	61900	52550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40000	41500	46700	45700	52350	50100	54000	57050	64350	66850	72450	74200	78050	74600	72000	86100	68600
Upper Quartile	0	0	34600	36800	39500	40950	44450	44200	46900	51350	56750	61350	64100	66050	66050	66350	65400	71750	60350
Median	0	0	31950	33700	34950	37350	39450	39650	42000	46050	50450	55100	57750	57850	58850	57150	58300	62900	51650
Lower Quartile	0	0	30150	31450	33000	34700	36550	36500	38200	41650	45200	48750	51900	49300	53450	50400	51700	55100	42900
Lower Decile	0	0	28500	30050	32000	32300	32700	33100	34800	37750	41200	44050	45200	44500	46350	44400	46250	47450	36050
Mean	0	0	33650	34900	37200	38750	41100	40600	43200	46700	51650	55400	58850	58450	60900	58900	60200	65800	52550
Supporting Data																			
Total Number	1	22	53	75	92	93	101	109	110	333	402	459	365	271	189	171	130	171	3147
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: CONSULTING, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	61950	64600	68600	72600	76500	80200	83550	86450	88700	91100	78350
Upper Quartile	0	0	0	0	0	0	0	0	58350	60350	63300	66200	68900	71450	73650	75550	76950	78300	69150
Median	0	0	0	0	0	0	0	0	54100	55800	58250	60550	62700	64550	66100	67350	68150	68100	62300
Lower Quartile	0	0	0	0	0	0	0	0	46100	48200	51350	54400	57150	59600	61500	62800	63450	61500	56150
Lower Decile	0	0	0	0	0	0	0	0	44250	45850	48200	50400	52450	54200	55550	56550	57050	56050	50600
Mean	0	0	0	0	0	0	0	0	53100	55150	58150	61050	63800	66300	68400	70050	71200	71400	63750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	63000	63800	68950	71300	79600	78300	84900	84650	87000	91750	78350
Upper Quartile	0	0	0	0	0	0	0	0	61500	59750	63700	64400	70400	72700	75850	75000	70650	79400	69150
Median	0	0	0	0	0	0	0	0	57000	56150	57350	60300	63050	65800	66000	67400	65550	68500	62300
Lower Quartile	0	0	0	0	0	0	0	0	40750	48800	51100	55250	57850	60200	60050	60550	60000	63000	56150
Lower Decile	0	0	0	0	0	0	0	0	38500	46000	47900	51350	53750	53700	55050	54500	52400	57850	50600
Mean	0	0	0	0	0	0	0	0	52800	55000	57950	60700	65100	66200	69150	68600	68100	72300	63750
Supporting Data																			
Total Number	0	1	1	1	4	4	9	6	15	43	139	221	186	128	81	65	48	93	1045
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

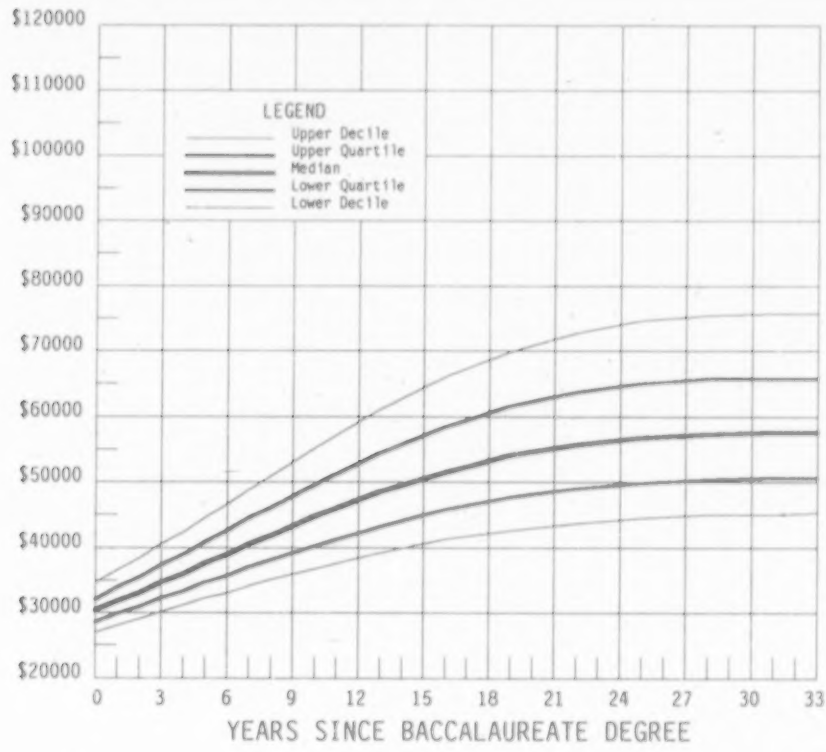
1989 ENGINEERING SALARY STATISTICS: CONSULTING, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	39050	41250	43350	45400	47300	49150	50850	53900	57600	60200	62000	63100	63700	64050	64200	64250	59300
Upper Quartile	0	0	34400	36550	38600	40600	42550	44350	46050	49100	52800	55450	57200	58300	58950	59300	59450	59500	53500
Median	0	0	31650	33500	35300	37000	38700	40300	41800	44500	47850	50300	51950	53000	53600	53900	54050	54100	46450
Lower Quartile	0	0	30050	31550	33050	34450	35800	37100	38350	40600	43300	45300	46700	47550	48050	48300	48450	48500	39550
Lower Decile	0	0	28850	29900	31000	32050	33050	34050	35000	36750	38950	40600	41700	42450	42900	43100	43200	43250	34150
Mean	0	0	33150	34800	36400	38000	39550	41000	42400	45000	48250	50650	52350	53400	54000	54350	54500	54550	46950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39350	40800	43300	43800	51100	48600	49500	54500	57100	59900	61450	62050	64100	63750	65050	67450	59300
Upper Quartile	0	0	34350	36600	38400	40600	43350	43850	45550	49600	52250	55500	57400	57500	59500	58250	60150	61100	53500
Median	0	0	31850	33650	34750	37250	38900	39550	41500	45250	47600	50000	52850	50250	55050	53300	54750	55700	46450
Lower Quartile	0	0	30150	31450	32950	34700	36300	36450	37700	41050	43250	45200	46800	46100	48650	47700	50100	49250	39550
Lower Decile	0	0	28500	30050	31900	32200	32400	32950	34500	37100	39600	40200	42100	41800	43900	42100	43100	43200	34150
Mean	0	0	33200	34700	36300	37900	40450	40300	41700	45500	48300	50400	52300	51500	54700	52950	55600	58100	46950
Supporting Data																			
Total Number	1	21	52	74	88	89	92	103	95	290	263	238	179	143	108	106	82	78	2102
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: CONSULTING, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	62050	63450	65000	67900	76000	83800	89650	93200	94950	95850	80650
Upper Quartile	0	0	0	0	0	0	0	0	52600	54500	58850	63650	67950	71150	73200	74300	74850	75100	67050
Median	0	0	0	0	0	0	0	0	47800	49000	52150	55650	58750	61050	62500	63300	63650	63850	58700
Lower Quartile	0	0	0	0	0	0	0	0	41850	43650	46800	49850	52350	54100	55200	55800	56100	56200	50750
Lower Decile	0	0	0	0	0	0	0	0	38300	39500	42000	44650	46850	48400	49400	49950	50200	50350	44350
Mean	0	0	0	0	0	0	0	0	49600	49700	52750	57050	61200	64450	66600	67850	68400	68700	61250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	80000	60800	63300	69000	75000	79750	97000	86000	81000	121250	80650
Upper Quartile	0	0	0	0	0	0	0	0	52500	54500	59250	63300	67650	70500	77000	70650	67500	83750	67050
Median	0	0	0	0	0	0	0	0	50000	46500	52250	57550	57000	61350	64900	62400	62000	62000	58700
Lower Quartile	0	0	0	0	0	0	0	0	41750	44250	45100	51700	50450	56200	55400	54500	56500	55250	50750
Lower Decile	0	0	0	0	0	0	0	0	37000	41800	40000	47300	42500	51100	51350	50600	48800	48300	44350
Mean	0	0	0	0	0	0	0	0	49900	49450	52250	58300	59500	64900	68900	65300	62950	74950	61250
Supporting Data																			
Total Number	0	0	1	1	0	1	2	7	10	18	27	45	45	42	52	28	26	23	328
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

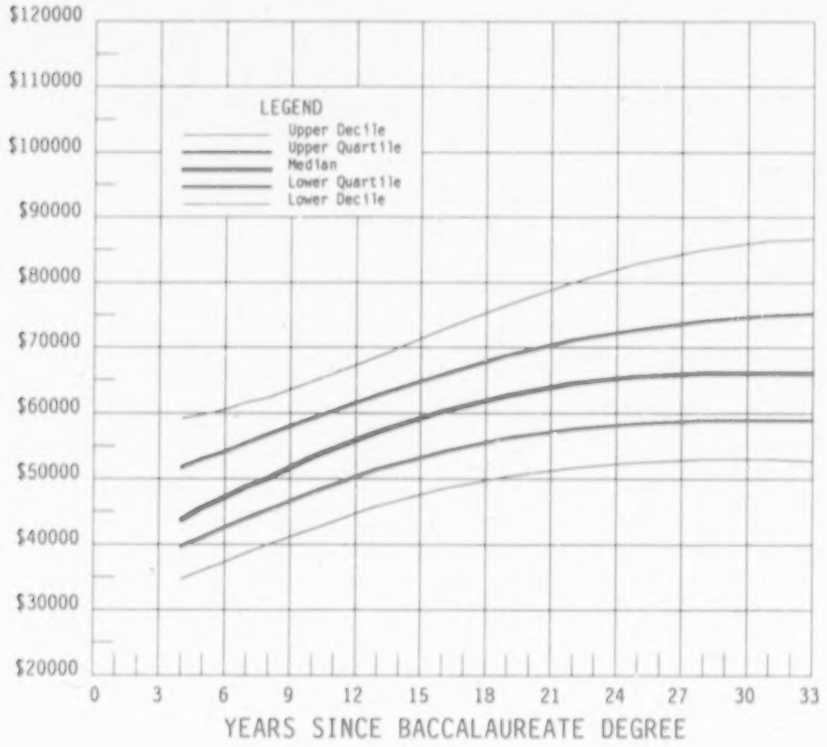
SALARY CURVES FOR ENGINEERS IN OTHER ENGINEERING SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34550	36450	38400	40450	42500	44600	46700	48850	50950	55150	61000	66050	70000	72800	74550	75450	75750	75450	66800
Upper Quartile	32100	33800	35500	37250	39050	40850	42650	44450	46250	49700	54500	58500	61650	63800	65100	65750	65950	65600	58000
Median	30300	31700	33150	34650	36100	37600	39050	40500	41950	44700	48450	51600	54050	55750	56850	57450	57650	57600	48950
Lower Quartile	28550	29750	31000	32200	33400	34650	35850	37000	38150	40350	43300	45750	47700	49050	49950	50500	50750	50850	40600
Lower Decile	27050	28100	29100	30150	31150	32200	33150	34150	35100	36850	39250	41200	42700	43800	44500	44950	45200	45300	34500
Mean	30850	32300	33800	35250	36750	38250	39750	41250	42700	45550	49450	52800	55400	57300	58600	59350	59750	59900	50300
Raw (Unsmoothed) Statistics																			
Upper Decile	33650	35650	37900	40150	44100	45300	47900	49450	51400	54900	60850	66050	69850	70500	75150	74400	75550	77400	66800
Upper Quartile	32300	33350	35350	37100	39750	40750	43400	44100	46050	49450	54600	59050	61600	62950	65450	65200	66000	65950	58000
Median	30350	31400	33150	34800	36450	37600	39200	40200	41900	44600	48350	51950	54250	55300	57100	57200	57400	57800	48950
Lower Quartile	28350	29400	31050	32300	33950	34850	36200	36900	38050	40050	43350	45850	47550	48900	50500	50600	50400	50900	40600
Lower Decile	26600	27600	29250	30250	31800	32750	33350	34300	34900	36750	38950	41050	42450	44200	45100	45400	44200	45350	34500
Mean	30550	32100	33750	35200	37550	38500	40150	41150	42600	45250	49350	53100	55400	56600	59400	59350	59450	60000	50300
Supporting Data																			
Total Number	245	274	337	369	415	419	453	530	565	1371	1520	1499	1324	1216	953	882	719	1206	14297
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	5	13
Less Than $22000	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	6

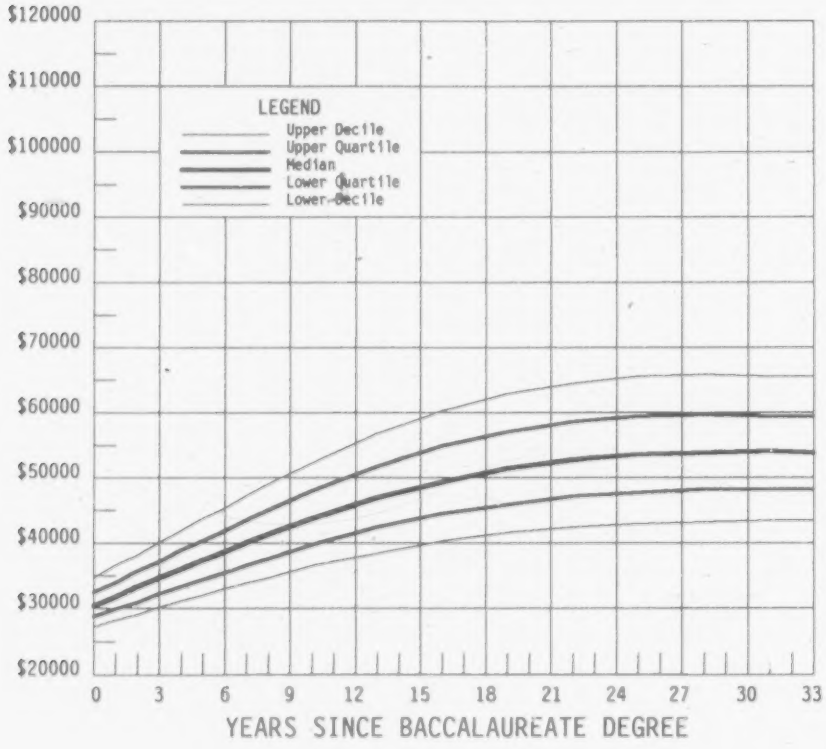
SALARY CURVES FOR ENGINEERS IN OTHER ENGINEERING SERVICES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	59300	59850	60600	61500	62500	64750	68650	72700	76650	80100	82950	85050	86400	87650	78800
Upper Quartile	0	0	0	0	51700	52950	54200	55450	56700	59150	62750	66000	68800	71100	72850	74100	74900	75600	69750
Median	0	0	0	0	43850	45500	47100	48700	50250	53200	57150	60350	62800	64450	65500	66050	66200	66050	62200
Lower Quartile	0	0	0	0	39700	41150	42550	43950	45350	47900	51350	54100	56150	57600	58450	58850	59000	58800	54950
Lower Decile	0	0	0	0	34550	35900	37250	38600	39900	42400	45750	48450	50450	51800	52550	52950	53000	52700	48250
Mean	0	0	0	0	45100	46550	48050	49500	50950	53650	57400	60600	63250	65250	66700	67750	68400	69050	63400
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	62000	63400	57200	64600	62950	62650	68400	73750	77450	77700	86700	84000	85700	87150	78800
Upper Quartile	0	0	0	0	57000	59500	49450	53750	58250	57750	62800	66700	69850	69750	73700	72850	74700	76000	69750
Median	0	0	0	0	47750	45500	43850	46850	51750	52850	57700	60700	62900	63450	66400	66300	65450	66700	62200
Lower Quartile	0	0	0	0	39300	41250	41500	43250	47300	47900	51050	54500	56350	56500	59600	58650	58100	59150	54950
Lower Decile	0	0	0	0	33000	38450	38100	33850	41800	43900	45850	47950	50700	50650	53700	53100	53300	52500	48250
Mean	0	0	0	0	47300	49950	46000	48650	52500	52700	57350	60950	63600	63900	68400	67950	67550	69000	63400
---------- Supporting Data ----------																			
Total Number	1	2	5	3	15	13	31	37	51	148	321	450	432	420	339	308	246	420	3242
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4	8
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN OTHER ENGINEERING SERVICES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34750	36450	38250	40050	41850	43650	45450	47250	49000	52350	56800	60400	63000	64650	65500	65800	65700	65000	59400
Upper Quartile	32450	34000	35600	37200	38800	40400	41950	43500	45050	47950	51800	54900	57150	58600	59350	59650	59600	59050	53100
Median	30500	31850	33200	34600	35950	37300	38650	39950	41200	43650	46850	49450	51400	52750	53500	53900	54000	53750	45750
Lower Quartile	28750	29900	31050	32200	33350	34450	35550	36650	37700	39650	42300	44400	46000	47100	47750	48150	48300	48250	38550
Lower Decile	27200	28200	29200	30150	31150	32100	33000	33900	34750	36400	38500	40200	41500	42400	42950	43250	43400	43350	33350
Mean	31050	32400	33750	35100	36450	37800	39100	40400	41700	44100	47350	50000	52000	53350	54250	54700	54850	54750	46500
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33600	35500	37700	40050	43300	44500	47000	47600	49150	52950	56500	59400	61750	63250	64450	66000	68200	66050	59400
Upper Quartile	32300	33300	35300	37050	39500	40550	43000	43500	44900	48300	51650	54650	56800	57900	58650	59400	60300	59800	53100
Median	30300	31350	33100	34750	36350	37450	38800	39900	41400	43900	46800	49400	51050	51950	53550	53850	53800	54500	45750
Lower Quartile	28350	29400	31000	32300	33900	34750	36050	36800	37700	39650	42250	44200	45400	47050	47900	48250	48000	48700	38550
Lower Decile	26600	27600	29200	30250	31800	32700	33200	34300	34650	36550	38300	39600	41050	42650	43450	43450	42550	43850	33350
Mean	30450	31950	33550	35150	37150	38150	39700	40550	41600	44350	47200	49700	51400	52750	54450	54750	55250	55200	46500
---------- Supporting Data ----------																			
Total Number	244	272	332	366	400	406	422	493	514	1223	1199	1049	892	796	614	574	473	786	11055
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	5
Less Than $22000	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	6

1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33700	35550	37450	39400	41350	43350	45350	47400	49400	53300	58700	63300	66800	69150	70550	71200	71300	70750	63000
Upper Quartile	31950	33550	35200	36850	38550	40200	41900	43600	45250	48450	52800	56450	59250	61150	62300	62850	63000	62700	54750
Median	30200	31550	32950	34300	35700	37050	38450	39800	41100	43650	47050	49900	52100	53650	54650	55250	55450	55450	46000
Lower Quartile	28550	29700	30850	32000	33100	34250	35350	36400	37500	39500	42200	44400	46150	47450	48300	48800	49100	49250	38200
Lower Decile	27050	28050	29000	29950	30900	31850	32750	33650	34500	36150	38350	40150	41550	42600	43300	43750	44000	44200	33000
Mean	30600	31950	33350	34750	36150	37550	38950	40350	41700	44350	47900	50900	53250	54950	56100	56750	57100	57200	47400
Raw (Unsmoothed) Statistics																			
Upper Decile	33550	35000	37100	38650	43150	43650	46100	47450	48850	53050	59450	64200	66000	67200	70000	67600	73900	72400	63000
Upper Quartile	32250	33050	35000	36800	39300	40000	42550	43250	44450	48250	53250	57300	59000	60300	62000	62050	63500	63100	54750
Median	30300	31150	32850	34450	36250	36850	38700	39550	41100	43550	47200	50350	51600	53200	54900	55100	55600	55650	46000
Lower Quartile	28300	29250	30850	32150	33650	34500	35850	36350	37300	39300	42300	44350	45550	47950	48200	48650	48900	49550	38200
Lower Decile	26600	27400	29000	30300	31400	32450	33250	33900	34400	36200	38150	39550	40900	43300	43750	44050	43250	44450	33000
Mean	30450	31550	33250	34700	37050	37700	39350	40350	41300	44150	48100	51300	52700	54650	55900	56250	57150	57750	47400
Supporting Data																			
Total Number	242	254	291	313	342	321	345	408	426	953	950	861	769	684	521	477	445	775	9377
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
Less Than $22000	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5

1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	57250	58200	59150	60150	61150	63250	66500	69700	72700	75350	77550	79250	80450	81700	75000
Upper Quartile	0	0	0	0	47250	48900	50500	52050	53600	56550	60550	63900	66600	68600	70000	70900	71450	71900	66950
Median	0	0	0	0	41500	43150	44800	46450	48000	51050	55100	58400	60800	62450	63400	63850	63950	63600	60050
Lower Quartile	0	0	0	0	39050	40350	41600	42850	44050	46300	49300	51700	53600	54900	55800	56300	56500	56600	52300
Lower Decile	0	0	0	0	33400	34650	35850	37100	38250	40550	43600	46100	48050	49450	50350	50800	51050	51050	46100
Mean	0	0	0	0	43300	44700	46150	47550	48900	51500	55100	58150	60600	62500	63900	64800	65400	66000	60600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	60000	0	57200	60800	62000	62300	65200	72750	72900	73450	76500	78050	79350	83900	75000
Upper Quartile	0	0	0	0	48500	0	47750	53000	51700	56200	61100	65850	66400	67000	69950	67450	73350	72950	66950
Median	0	0	0	0	40250	0	43150	45650	48700	51000	56000	59400	60600	61050	63450	62550	63400	64800	60050
Lower Quartile	0	0	0	0	38400	0	41400	42000	43600	47200	48950	52550	53250	53550	57200	56200	56050	56850	52300
Lower Decile	0	0	0	0	32000	0	38150	33400	39500	41700	43600	46600	46850	48950	51150	50900	52300	50600	46100
Mean	0	0	0	0	43400	0	44850	46950	48850	51600	55150	59450	60450	61250	64000	64000	65050	66850	60600
Supporting Data																			
Total Number	1	1	4	2	10	9	21	28	30	102	180	249	241	237	179	169	161	273	1897
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33900	35650	37400	39150	40950	42700	44500	46200	47900	51100	55300	58550	60750	62000	62450	62400	62050	60950	56950
Upper Quartile	32250	33700	35250	36750	38250	39750	41250	42700	44150	46850	50400	53200	55250	56550	57250	57450	57400	56900	50550
Median	30400	31650	32950	34250	35550	36850	38100	39300	40500	42750	45700	48050	49800	50950	51600	51900	51950	51700	43300
Lower Quartile	28700	29800	30900	32000	33050	34100	35150	36150	37150	38950	41350	43300	44750	45700	46300	46650	46750	46700	36650
Lower Decile	27150	28100	29050	29950	30900	31750	32650	33500	34300	35800	37750	39300	40450	41250	41750	42050	42150	42150	32200
Mean	30700	32000	33300	34650	35950	37200	38500	39750	40950	43200	46150	48500	50200	51350	52000	52250	52250	51950	44050
Raw (Unsmoothed) Statistics																			
Upper Decile	33500	34900	36950	38600	42750	43350	45650	46500	47200	51350	56000	57750	59300	60200	61450	62100	64200	62150	56950
Upper Quartile	32200	33050	34950	36750	39100	39800	42100	42700	43800	46950	51000	52750	54300	55700	56750	57300	58000	57750	50550
Median	30250	31150	32800	34450	36150	36750	38350	39300	40700	42850	45950	47800	48850	50800	51300	51750	51950	52400	43300
Lower Quartile	28300	29250	30850	32150	33650	34450	35650	36300	37100	39000	41500	42800	43800	46150	46000	46500	46200	47600	36650
Lower Decile	26600	27400	28950	30300	31400	32400	33150	34000	34250	36050	37500	38400	39400	41900	42350	41600	41850	42850	32200
Mean	30300	31500	33150	34650	36900	37550	39000	39850	40750	43250	46450	48000	49200	51100	51700	52000	52650	52750	44050
Supporting Data																			
Total Number	241	253	287	311	332	312	324	380	396	851	770	612	528	447	342	308	284	502	7480
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5

1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44050	45900	47700	49550	51350	53150	54950	58350	63150	67400	71050	73950	76150	77750	78800	79800	70100
Upper Quartile	0	0	39050	40700	42350	44050	45700	47350	49000	52100	56450	60100	63000	65150	66600	67500	67950	68250	60850
Median	0	0	35000	36500	37950	39450	40950	42400	43800	46550	50250	53300	55700	57350	58400	59000	59250	59200	52800
Lower Quartile	0	0	32900	34100	35350	36550	37700	38900	40000	42200	45100	47550	49450	50850	51800	52400	52750	53000	45700
Lower Decile	0	0	30450	31550	32600	33700	34700	35750	36700	38600	41050	43050	44600	45650	46350	46750	46900	46950	39200
Mean	0	0	36450	37900	39350	40800	42200	43650	45050	47700	51400	54550	57100	59050	60450	61350	61900	62350	54250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42500	46100	49800	48350	54150	52250	56550	56550	63000	67700	73300	72750	77350	77500	76500	79950	70100
Upper Quartile	0	0	38300	40700	42350	42950	47700	46450	50600	52250	55650	60150	64350	64650	66250	66800	66150	69700	60850
Median	0	0	35250	36500	37650	39700	40750	42300	44500	46500	49650	53300	57150	57250	58200	57850	58750	59850	52800
Lower Quartile	0	0	33050	34400	34950	36750	37050	39000	40500	42150	44750	47650	51250	49250	52500	51600	51550	54000	45200
Lower Decile	0	0	30750	29750	33150	34350	34100	36650	37250	38800	40500	42850	45450	44700	47150	47150	46450	46850	39200
Mean	0	0	36550	37750	39600	40850	42500	43550	45800	47250	50800	54850	58550	58100	61100	61200	60800	62600	54250
Supporting Data																			
Total Number	3	20	45	55	72	92	103	113	120	367	499	544	448	434	303	296	201	323	4038
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	58450	60200	62050	65650	71000	76000	80450	84150	87050	89100	90450	91650	81250
Upper Quartile	0	0	0	0	0	0	54750	56300	57850	60800	64850	68350	71250	73600	75350	76600	77500	78550	71550
Median	0	0	0	0	0	0	50150	51600	53000	55650	59200	62100	64400	66100	67250	68000	68450	68750	64000
Lower Quartile	0	0	0	0	0	0	45900	47200	48500	50950	54200	56800	58800	60250	61150	61700	61950	62000	57650
Lower Decile	0	0	0	0	0	0	41800	43000	44150	46350	49250	51650	53450	54750	55600	56100	56400	56500	52350
Mean	0	0	0	0	0	0	50000	51500	53000	55850	59800	63200	65950	68100	69650	70750	71500	72250	65900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	60000	0	62800	63750	70600	77150	82050	79150	93600	88000	90000	91400	81250
Upper Quartile	0	0	0	0	0	0	54500	0	61000	58750	65100	67800	72750	72550	76000	76550	76000	79000	71550
Median	0	0	0	0	0	0	47000	0	56000	55100	59450	61800	65200	65650	67500	67350	66350	70000	64000
Lower Quartile	0	0	0	0	0	0	42500	0	53300	50900	53900	56300	59100	60250	62500	61100	60800	62200	57650
Lower Decile	0	0	0	0	0	0	38000	0	50800	46400	49050	49750	55550	54500	56800	56200	54000	56750	52350
Mean	0	0	0	0	0	0	48400	0	56600	55000	59700	62800	66750	66850	71400	71700	69600	72200	65900
Supporting Data																			
Total Number	0	1	1	1	5	4	10	9	18	42	125	173	165	155	104	96	60	109	1078
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	43750	45050	46350	47600	48900	50150	51400	53750	57100	60050	62600	64750	66500	67850	68850	70300	61550
Upper Quartile	0	0	39000	40450	41850	43250	44600	45950	47250	49700	52950	55650	57700	59150	60100	60700	60950	61050	55800
Median	0	0	35400	36700	37950	39200	40450	41650	42800	45050	48050	50500	52450	53850	54800	55400	55700	55900	49300
Lower Quartile	0	0	33150	34250	35300	36350	37400	38400	39400	41250	43700	45700	47300	48450	49250	49750	50000	50250	42900
Lower Decile	0	0	30550	31550	32550	33550	34500	35450	36300	38000	40150	41800	43050	43850	44350	44600	44650	44500	38000
Mean	0	0	36450	37700	38900	40100	41250	42400	43550	45700	48550	51000	53000	54500	55600	56300	56800	57300	50000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40850	45550	45300	46100	52800	50800	52050	55000	55800	59850	63350	63550	65150	68000	69950	71400	61550
Upper Quartile	0	0	38000	40350	41100	42400	46900	45700	47600	50650	51900	55750	58250	58900	59150	59750	61650	62000	55800
Median	0	0	35150	36400	37250	39500	40200	41700	43250	45750	47600	50600	53350	52450	54800	54350	55700	57150	49300
Lower Quartile	0	0	33000	34350	34750	36550	36800	38800	39750	41600	43350	45750	48150	47100	49700	49400	50050	50700	42900
Lower Decile	0	0	30700	29700	33050	34300	33650	36500	36800	38500	39400	41600	43750	42950	45150	45250	43600	44750	38000
Mean	0	0	36100	37500	38450	39800	41850	42650	43850	46250	47850	51200	53800	53250	55700	56150	57050	57700	50000
Supporting Data																			
Total Number	3	19	44	54	67	88	93	104	102	325	374	371	283	279	199	200	141	214	2960
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	59100	61650	66100	71050	75950	80400	84150	86950	88800	90550	81600
Upper Quartile	0	0	0	0	0	0	0	0	52300	55150	59700	64100	68000	71150	73450	74950	75800	76400	70400
Median	0	0	0	0	0	0	0	0	47450	50200	54100	57550	60400	62700	64400	65600	66400	67050	60850
Lower Quartile	0	0	0	0	0	0	0	0	44050	46250	49300	51950	54200	56000	57400	58400	59150	60050	53600
Lower Decile	0	0	0	0	0	0	0	0	40250	42450	45350	47750	49700	51150	52250	52950	53400	53800	47800
Mean	0	0	0	0	0	0	0	0	50100	52250	55650	59000	62100	64750	66850	68400	69400	70300	63400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	60400	59900	69200	69050	75300	77200	93100	83100	89600	88500	81600
Upper Quartile	0	0	0	0	0	0	0	0	53400	54600	59550	63450	68900	70000	77400	73250	74800	75250	70400
Median	0	0	0	0	0	0	0	0	49500	48600	54500	58650	59100	62650	65400	65900	66750	66000	60850
Lower Quartile	0	0	0	0	0	0	0	0	45300	45300	48700	53950	53400	56400	56350	58500	60100	60000	53600
Lower Decile	0	0	0	0	0	0	0	0	42350	40550	46600	48050	48600	51850	52200	54100	52300	53500	47800
Mean	0	0	0	0	0	0	0	0	50900	51750	55850	59100	61350	63900	69600	68000	69900	68700	63400
Supporting Data																			
Total Number	0	0	1	1	1	6	5	9	19	51	71	94	107	98	129	109	73	108	882
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

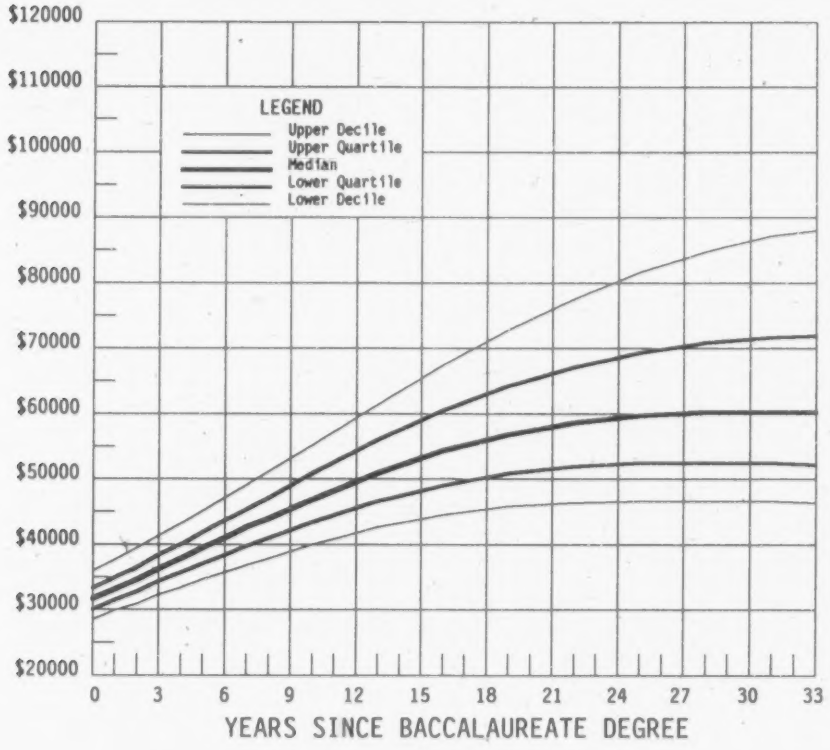
1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	74400	77350	82000	87100	91750	95400	97900	100000	90800
Upper Quartile	0	0	0	0	0	0	0	0	0	0	65550	70500	74850	78500	81350	83350	84650	85800	79000
Median	0	0	0	0	0	0	0	0	0	0	60350	65350	68800	71000	72350	73150	73600	73900	70750
Lower Quartile	0	0	0	0	0	0	0	0	0	0	56900	60850	63550	65300	66350	67000	67350	67650	63300
Lower Decile	0	0	0	0	0	0	0	0	0	0	53200	55750	57700	59050	60000	60650	61000	61250	58050
Mean	0	0	0	0	0	0	0	0	0	0	62450	66450	69800	72450	74500	75900	76800	77550	72850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	78800	70950	87000	82000	98400	96750	104150	90350	90800
Upper Quartile	0	0	0	0	0	0	0	0	0	0	68000	66650	76650	77000	87000	79000	86250	84150	79000
Median	0	0	0	0	0	0	0	0	0	0	61600	62500	72550	70300	73000	71800	74000	74000	70750
Lower Quartile	0	0	0	0	0	0	0	0	0	0	58000	58400	67000	64000	66650	67000	68250	66800	63300
Lower Decile	0	0	0	0	0	0	0	0	0	0	54800	52700	60800	59600	59450	61300	62500	59750	58050
Mean	0	0	0	0	0	0	0	0	0	0	64350	63150	73000	70100	76950	75000	78800	75300	72850
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	3	4	16	28	26	28	56	43	25	38	267
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, NON-SUPERVISORY, PHD

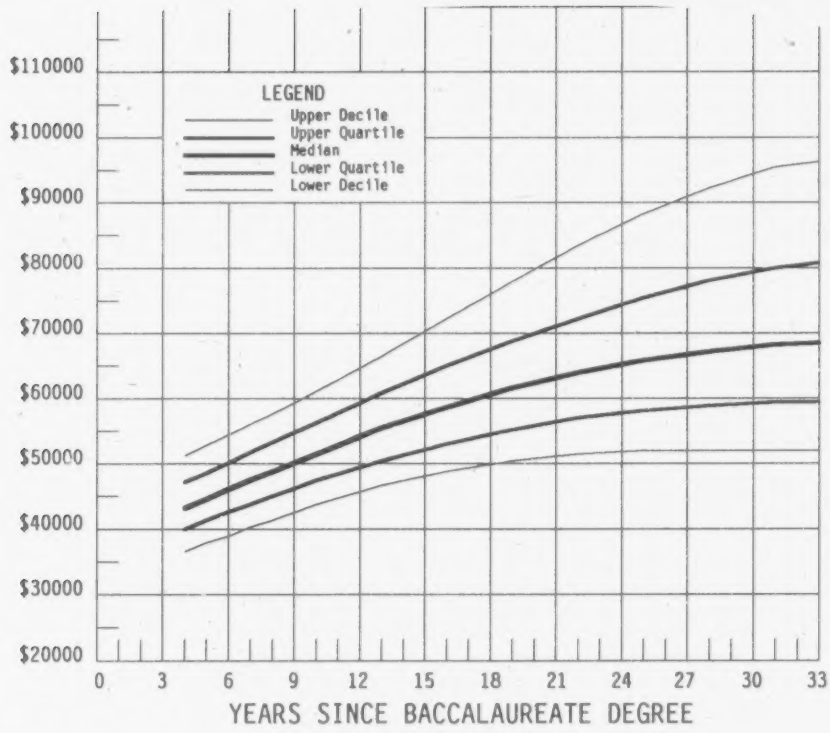
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	55400	57900	62050	66450	70550	74150	77000	79050	80350	81400	73250
Upper Quartile	0	0	0	0	0	0	0	0	50950	53600	57350	60700	63500	65650	67200	68250	68850	69300	64500
Median	0	0	0	0	0	0	0	0	46600	49000	52250	55050	57350	59150	60500	61500	62100	62900	57350
Lower Quartile	0	0	0	0	0	0	0	0	43850	45800	48450	50700	52550	53950	55000	55750	56250	56800	51100
Lower Decile	0	0	0	0	0	0	0	0	39700	41800	44650	46950	48650	49900	50650	51050	51250	51200	46350
Mean	0	0	0	0	0	0	0	0	48800	50800	53750	56500	59000	61100	62750	63950	64800	65550	59300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	54200	59050	61000	67400	69500	71500	86150	75400	76800	82500	73250
Upper Quartile	0	0	0	0	0	0	0	0	51500	53150	57400	61400	62400	66450	67750	67250	70650	68400	64500
Median	0	0	0	0	0	0	0	0	48000	48100	51500	57250	56750	59700	59100	61000	63450	63000	57350
Lower Quartile	0	0	0	0	0	0	0	0	44750	45000	48100	52600	51800	54500	53900	56400	55000	57550	51100
Lower Decile	0	0	0	0	0	0	0	0	41900	40350	45950	46750	47050	51350	51000	52300	49800	51000	46350
Mean	0	0	0	0	0	0	0	0	48250	51200	53400	57400	57600	61400	63950	63450	65250	65100	59300
Supporting Data																			
Total Number	0	0	1	1	1	6	5	9	16	47	55	66	81	70	73	66	48	70	615
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN ELECTRIC & GAS UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES

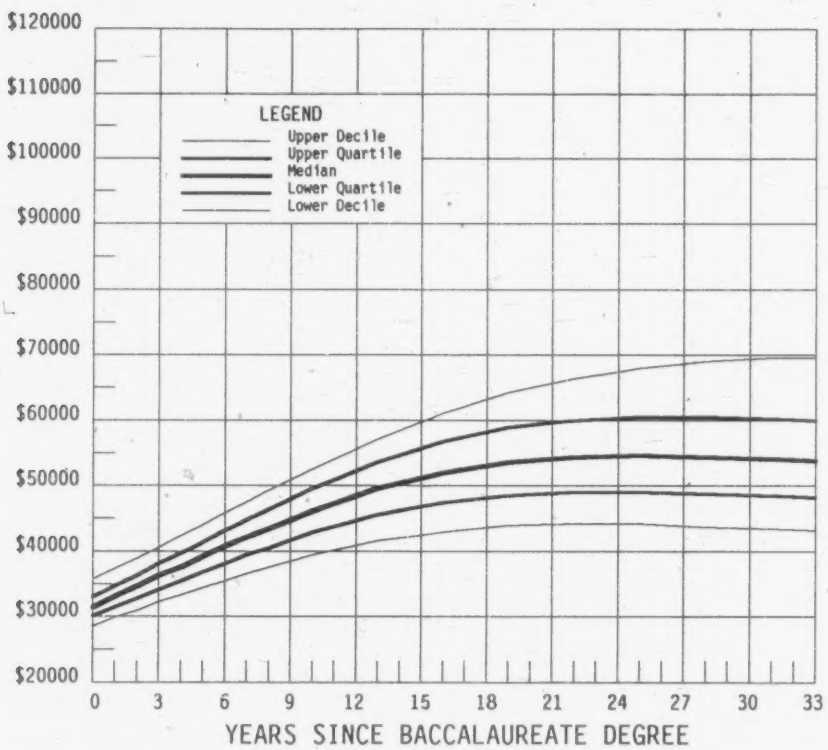
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35950	37700	39500	41350	43250	45150	47150	49150	51200	55300	61450	67350	72750	77550	81500	84700	87150	90500	66850
Upper Quartile	33200	34850	36550	38300	40050	41850	43650	45450	47250	50850	55900	60450	64300	67250	69450	70950	71850	72700	56700
Median	31650	33150	34700	36250	37850	39400	41000	42550	44100	47050	51000	54350	56850	58600	59700	60250	60400	60200	48400
Lower Quartile	30150	31550	32900	34300	35700	37100	38450	39800	41100	43500	46700	49150	50900	52000	52500	52650	52550	51950	41350
Lower Decile	28550	29800	31000	32200	33450	34600	35800	36900	38000	40000	42550	44450	45750	46450	46750	46750	46600	46000	34900
Mean	32300	33750	35250	36750	38250	39800	41350	42850	44400	47400	51650	55400	58600	61150	63100	64450	65400	66400	50600
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33800	37650	40000	40700	44200	46650	48050	49500	51650	55100	61350	66100	71550	78250	81250	86850	84700	94050	66850
Upper Quartile	32400	34200	35900	37900	40550	42700	45300	46400	47600	51250	55300	59550	62950	66100	69100	73350	71400	75600	56700
Median	31250	32650	34000	35600	38450	39600	42400	43650	44600	47300	50700	53550	55800	57950	59250	61700	59950	62250	48400
Lower Quartile	30350	30900	32350	34000	35400	37000	39500	41200	41450	43900	46100	48700	50450	51500	52000	53800	51350	53650	41350
Lower Decile	29000	29200	30650	32150	32550	34250	37000	38200	38450	40050	41700	44400	45450	46450	46650	47500	46350	46400	34900
Mean	31800	33400	34850	36200	38600	40000	42400	43800	44800	47600	51200	54850	57700	61100	62550	65450	64450	68600	50600
---------- Supporting Data ----------																			
Total Number	225	333	363	432	419	426	609	622	569	1387	1283	1451	1082	665	525	377	359	534	11661
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	8	6	4	7	27	55
Less Than $22000	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3



1989 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	T
Smooth Curve Data																			
Upper Decile	0	0	0	0	51250	52750	54300	55900	57550	61000	66500	72250	77950	83400	88300	92350	95450	99150	7
Upper Quartile	0	0	0	0	47100	48650	50150	51700	53200	56250	60750	65000	68900	72400	75500	78050	80100	83300	6
Median	0	0	0	0	43250	44650	46100	47500	48900	51600	55400	58750	61650	64000	65900	67300	68300	69650	5
Lower Quartile	0	0	0	0	40050	41350	42600	43850	45050	47400	50500	53150	55300	56950	58100	58900	59400	59900	5
Lower Decile	0	0	0	0	36500	37750	39050	40250	41450	43650	46550	48800	50350	51350	51900	52050	52000	51600	4
Mean	0	0	0	0	43700	45100	46550	48000	49400	52250	56300	60100	63500	66450	68950	71000	72600	74900	6
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	56400	49100	53000	55550	58650	61700	67650	71050	76450	87050	87850	93150	94500	99000	79
Upper Quartile	0	0	0	0	51000	46000	49100	51250	53000	56850	61900	64000	69150	72950	74500	78800	77800	84750	68
Median	0	0	0	0	43500	42350	45500	47700	48900	52350	56300	58550	60950	63350	66400	67700	65900	71400	59
Lower Quartile	0	0	0	0	39000	39250	41900	44550	45600	48300	51300	52600	55000	56300	58100	60250	56950	61350	51
Lower Decile	0	0	0	0	31600	36900	39350	41450	41850	44750	47300	48100	50350	50450	51400	53550	49100	53500	45
Mean	0	0	0	0	44700	42450	46150	48450	49600	52900	57050	59500	62950	67400	68500	71450	70000	76550	62
Supporting Data																			
Total Number	1	4	15	22	28	48	70	73	80	303	389	586	480	315	259	212	196	288	3
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	7	3	3	5	17	
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SALARY CURVES FOR ENGINEERS IN ELECTRIC & GAS UTILITIES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35600	37250	38950	40650	42400	44100	45850	47550	49250	52550	57100	61000	64150	66450	68050	69000	69550	69850	57650
Upper Quartile	33000	34650	36350	38050	39750	41450	43150	44850	46450	49550	53550	56700	58850	60100	60650	60650	60350	59350	51450
Median	31500	33050	34600	36150	37650	39200	40700	42150	43600	46200	49600	52050	53700	54500	54700	54500	54100	53050	45150
Lower Quartile	30100	31450	32850	34200	35550	36900	38200	39450	40650	42850	45550	47500	48650	49150	49150	48850	48400	47350	38850
Lower Decile	28550	29750	30950	32150	33300	34450	35550	36600	37600	39400	41600	43050	43900	44200	44150	43800	43400	42450	33450
Mean	32100	33500	34950	36400	37850	39300	40700	42100	43500	46100	49550	52350	54450	55900	56750	57150	57300	57050	45950
Raw (Unsmoothed) Statistics																			
Upper Decile	33800	36600	39250	40350	43200	46100	46950	48400	49850	52400	55700	59950	63400	66000	67150	71000	71100	72950	57650
Upper Quartile	32400	34050	35750	37700	40300	42150	44800	45850	46600	49700	52800	55550	57750	59550	60050	61500	61950	61850	51450
Median	31250	32600	33950	35500	38300	39350	42150	43250	44100	46250	48850	51300	52600	54400	54400	54950	54400	55300	45150
Lower Quartile	30350	30900	32300	33950	35300	36750	39250	41000	41150	42950	44700	47000	47950	48950	49150	49500	48800	48500	38850
Lower Decile	29000	29150	30650	32100	32550	34150	36750	38050	38150	39250	40600	42600	43900	44850	44650	43850	44550	42100	33450
Mean	31700	33000	34450	36050	38150	39700	41900	43200	44000	46150	48650	51650	53550	55450	56800	57700	57800	59300	45950
Supporting Data																			
Total Number	224	329	348	410	391	378	539	549	489	1084	894	865	602	350	266	165	163	246	8292
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	2	10	18
Less Than $22000	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35700	37450	39250	41100	43000	44950	46900	48900	50950	55000	60950	66550	71600	75850	79300	81950	83900	86350	64950
Upper Quartile	33100	34750	36450	38150	39900	41700	43500	45300	47100	50600	55600	60000	63600	66400	68350	69600	70350	70950	55500
Median	31600	33100	34650	36200	37750	39300	40850	42400	43900	46800	50750	54000	56450	58150	59150	59700	59850	59600	47350
Lower Quartile	30150	31500	32900	34250	35650	37000	38300	39650	40900	43300	46400	48800	50500	51550	52100	52250	52150	51600	40450
Lower Decile	28550	29750	30950	32150	33350	34500	35650	36750	37800	39750	42250	44150	45400	46100	46400	46400	46250	45700	34200
Mean	32200	33650	35100	36600	38100	39650	41150	42700	44200	47100	51250	54900	57900	60250	62000	63200	63950	64750	49400
Raw (Unsmoothed) Statistics																			
Upper Decile	33750	37100	39750	40400	43750	46700	48050	49300	51650	55050	60750	65150	70400	75150	75850	85850	82050	91900	64950
Upper Quartile	32250	34000	35750	37750	40400	42650	45300	46300	47600	51100	54850	58950	62000	63900	67250	73050	70250	74500	55500
Median	31200	32550	33850	35550	38400	39550	42450	43600	44550	47150	50100	52950	55250	57300	58700	61600	59650	61650	47350
Lower Quartile	30300	30850	32250	33900	35250	36950	39550	41150	41450	43850	45450	48100	50050	50550	51400	53650	51400	53450	40450
Lower Decile	28950	29100	30550	32100	32400	34200	37000	38150	38450	39850	41100	44200	45100	45500	46150	47400	46350	46200	34200
Mean	31650	33250	34600	36050	38350	39950	42450	43700	44750	47450	50600	54150	57000	59450	60850	64950	63200	67400	49400
Supporting Data																			
Total Number	220	322	342	411	391	395	564	559	520	1190	1021	1135	852	470	397	318	307	445	9859
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	5	2	2	4	19	34
Less Than $22000	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50950	52500	54050	55600	57250	60600	65750	71000	76200	81050	85450	89200	92150	95950	77750
Upper Quartile	0	0	0	0	47050	48500	50000	51450	52900	55850	60100	64100	67750	71050	73900	76300	78200	81150	67050
Median	0	0	0	0	43250	44600	45950	47300	48650	51200	54800	58000	60750	62950	64750	66100	67050	68350	58250
Lower Quartile	0	0	0	0	40050	41250	42500	43700	44850	47050	50050	52600	54700	56250	57400	58150	58700	59200	50900
Lower Decile	0	0	0	0	36650	37850	39050	40250	41350	43450	46150	48250	49700	50600	51100	51250	51200	50800	45350
Mean	0	0	0	0	43650	45050	46400	47750	49100	51800	55600	59150	62350	65150	67500	69400	70900	73100	60800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	55400	49150	53200	54800	58350	61250	67400	69700	75350	81550	85550	91800	89850	96850	77750
Upper Quartile	0	0	0	0	50000	45950	49200	51050	52800	56700	61050	63450	67650	71000	72700	77750	76100	82650	67050
Median	0	0	0	0	42500	42250	45600	47650	49000	52150	55700	57850	59800	62100	64500	67450	64800	70050	58250
Lower Quartile	0	0	0	0	38000	39200	41850	44700	46000	48100	50750	51950	54350	55450	57050	59900	56750	60400	50900
Lower Decile	0	0	0	0	30800	36850	39300	41600	42750	44600	46800	47700	49650	48550	50450	53800	48550	52550	45350
Mean	0	0	0	0	43550	42400	46200	48250	49600	52650	56450	58600	61900	65200	66700	70500	68550	74900	60800
Supporting Data																			
Total Number	1	3	14	22	24	47	68	64	75	267	310	470	390	222	210	182	171	244	2784
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	1	4	13	25
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35300	37000	38700	40450	42200	43950	45700	47400	49100	52350	56800	60550	63400	65400	66650	67300	67600	67450	56150
Upper Quartile	32850	34500	36200	37900	39600	41300	43000	44650	46300	49350	53300	56350	58400	59550	60000	59950	59600	58500	50300
Median	31500	33000	34500	36050	37550	39100	40550	42000	43400	46000	49300	51700	53250	54050	54250	54000	53600	52500	44350
Lower Quartile	30100	31450	32800	34150	35500	36800	38100	39300	40500	42650	45300	47150	48250	48700	48650	48350	47850	46800	38100
Lower Decile	28550	29750	30900	32100	33200	34350	35400	36400	37400	39100	41200	42650	43450	43750	43650	43350	42950	42050	32950
Mean	32000	33400	34850	36300	37750	39150	40600	41950	43300	45850	49200	51800	53750	54950	55650	55900	55850	55450	44900
Raw (Unsmoothed) Statistics																			
Upper Decile	33700	36300	38950	40050	42950	46100	46900	48150	49850	52250	55300	59300	62550	63350	64100	71500	69750	71350	56150
Upper Quartile	32250	33950	35600	37500	40200	42050	44800	45800	46550	49500	52250	54900	57050	58750	59300	61450	61350	61300	50300
Median	31200	32550	33750	35400	38250	39300	42200	43200	43950	46150	48250	50650	52000	53700	53650	54450	54600	55150	44350
Lower Quartile	30300	30850	32250	33850	35200	36700	39300	40900	41100	42900	44150	46250	47600	48350	48350	48900	49000	48150	38100
Lower Decile	28950	29050	30550	32050	32450	34050	36750	38000	38200	39050	39600	42350	43150	44100	44150	43400	44700	42000	32950
Mean	31550	32950	34300	35900	38000	39650	41900	43100	43900	45950	48050	50950	52850	54300	54250	57550	56450	58250	44900
Supporting Data																			
Total Number	219	319	328	389	367	348	496	495	445	923	711	665	462	248	187	136	136	201	7075
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	6	9
Less Than $22000	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44100	45250	46500	47850	49300	50850	52500	56100	62300	69350	77200	85550	93900	101750	108500	118050	75100
Upper Quartile	0	0	39650	41100	42550	44050	45600	47150	48750	51950	56900	61800	66650	71150	75250	78800	81650	85700	62100
Median	0	0	36600	38050	39500	41000	42450	43900	45350	48150	52100	55550	58450	60750	62450	63700	64500	65450	53500
Lower Quartile	0	0	34000	35400	36850	38250	39650	41000	42350	44800	48050	50600	52400	53500	54050	54200	54100	53600	46950
Lower Decile	0	0	32400	33700	34950	36200	37400	38550	39650	41650	44150	46100	47500	48400	48950	49300	49450	49500	41200
Mean	0	0	37900	39200	40500	41850	43200	44550	45950	48700	52950	57050	61000	64600	67750	70350	72400	74950	57000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43700	43400	51800	46350	48600	51350	51800	55300	63000	70300	75650	85550	95000	92750	115500	119150	75100
Upper Quartile	0	0	39300	41600	44000	43550	44500	47750	47450	52100	57150	61600	67150	70700	75200	77500	83750	85400	62100
Median	0	0	36600	38000	40400	40100	41700	43900	45050	48100	52850	55950	58200	59550	61650	62800	64500	67500	53500
Lower Quartile	0	0	34950	35500	37000	38200	39150	41550	41450	43950	48600	51050	52350	53700	53550	54250	51350	54650	46950
Lower Decile	0	0	34050	34000	34800	34850	36950	38550	37900	41150	45000	47250	46750	49200	50000	46850	46900	47400	41200
Mean	0	0	39000	38950	41850	40600	42000	44850	45200	48450	53500	57400	60400	64700	67950	68900	72900	74850	57000
Supporting Data																			
Total Number	5	11	21	20	28	31	44	63	48	194	255	303	217	181	120	49	49	87	1726
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	3	4	2	3	8	21
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

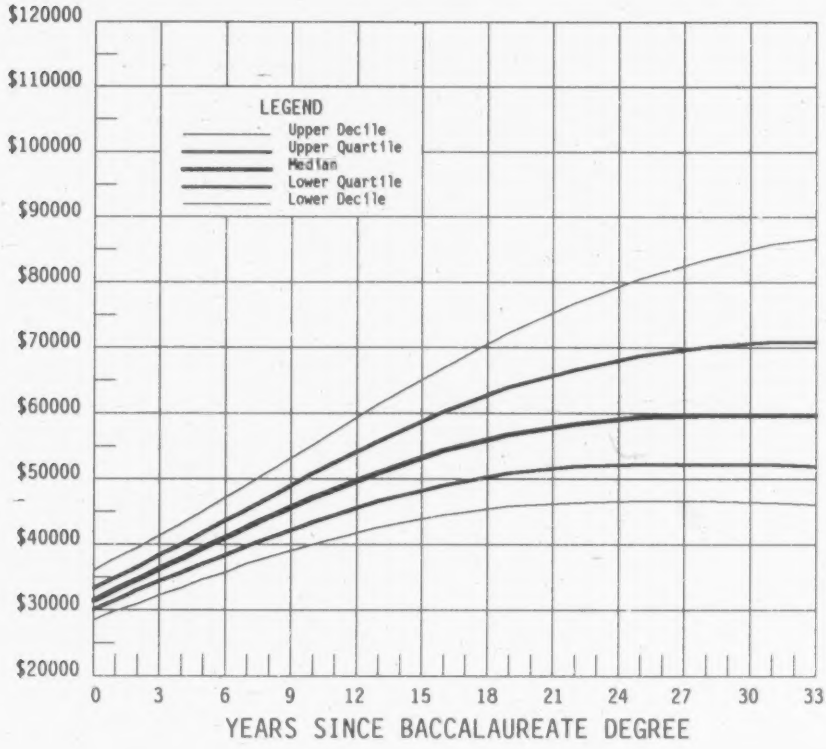
1989 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	63800	68250	75950	85500	95500	104650	111800	116550	120350	88950
Upper Quartile	0	0	0	0	0	0	0	0	0	59700	63050	67300	72050	77000	81750	85950	89300	93450	73500
Median	0	0	0	0	0	0	0	0	0	54450	58100	61600	64900	67950	70650	73050	75050	78250	63700
Lower Quartile	0	0	0	0	0	0	0	0	0	50950	53400	55850	58200	60500	62600	64500	66150	68900	56000
Lower Decile	0	0	0	0	0	0	0	0	0	47550	49350	51050	52600	54000	55250	56350	57250	58700	50650
Mean	0	0	0	0	0	0	0	0	0	55550	58900	63100	67650	72100	76100	79300	81600	83950	67850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	63600	68100	77550	80850	101650	96000	116250	116900	122500	88950
Upper Quartile	0	0	0	0	0	0	0	0	0	58500	64100	67600	71950	75350	80500	85600	96250	93550	73500
Median	0	0	0	0	0	0	0	0	0	53500	59000	61100	66500	65700	72500	73000	73000	79350	63700
Lower Quartile	0	0	0	0	0	0	0	0	0	49900	53850	56200	59700	57450	65000	63650	65000	70200	56000
Lower Decile	0	0	0	0	0	0	0	0	0	47250	49450	50850	53400	54000	56800	52100	53450	61300	50650
Mean	0	0	0	0	0	0	0	0	0	55050	51350	63250	67450	71800	75200	78800	81000	86000	67850
Supporting Data																			
Total Number	0	1	1	0	4	1	2	9	5	35	79	113	85	86	46	27	23	43	560
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	3	1	2	1	4	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	42750	43850	45000	46200	47450	48800	50200	53150	58000	63250	68700	74100	79250	83800	87550	92550	62450
Upper Quartile	0	0	38850	40450	42050	43600	45150	46650	48050	50800	54450	57450	59900	61750	63150	64050	64600	65100	55800
Median	0	0	36100	37600	39100	40550	42000	43400	44750	47300	50550	53050	54750	55750	56150	56150	55950	55200	50500
Lower Quartile	0	0	33950	35500	36950	38350	39700	40950	42150	44250	46800	48700	50000	50850	51350	51650	51800	51900	44350
Lower Decile	0	0	32500	33750	34950	36050	37150	38150	39100	40800	42850	44350	45350	45950	46300	46500	46600	46650	39200
Mean	0	0	37350	38600	39850	41050	42300	43550	44800	47200	50600	53750	56500	58900	60800	62300	63350	64550	51750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41000	43400	45800	46250	48800	49850	49850	53450	57200	62550	67400	75600	89000	67200	110000	83000	62450
Upper Quartile	0	0	38750	41600	42500	43100	44300	46900	47100	50900	54400	57900	59650	62750	63350	59650	66000	64000	55800
Median	0	0	36400	38000	39200	40000	41500	43650	45150	46850	51050	53000	54550	56100	56600	56000	53000	56000	50500
Lower Quartile	0	0	34850	35500	36650	38100	39050	41400	41900	43250	47450	50050	50150	50900	51400	51100	48500	49400	44350
Lower Decile	0	0	34000	34000	34400	34800	36800	38200	37650	40500	44200	45000	45050	47150	46550	44600	44900	42400	39200
Mean	0	0	37250	38950	40250	40450	41900	44000	44750	47000	50850	53950	55850	58300	63450	56750	65700	64000	51750
Supporting Data																			
Total Number	5	10	20	20	24	30	42	54	43	159	176	190	132	95	74	22	26	44	1166
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	4	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

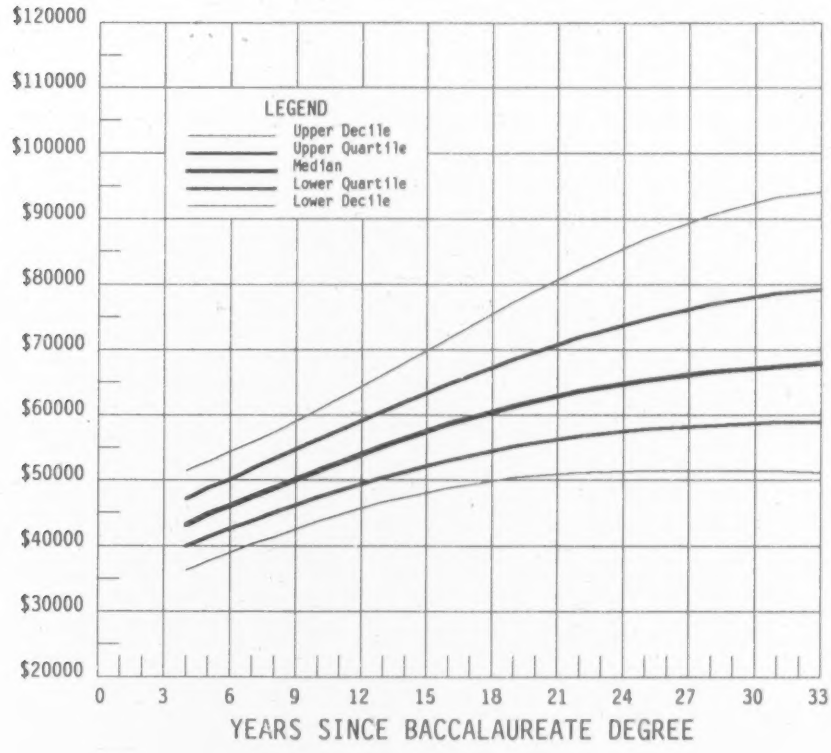
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36000	37750	39550	41400	43250	45200	47150	49150	51150	55200	61250	67000	72250	76800	80600	83550	85800	88850	66250
Upper Quartile	33200	34850	36550	38300	40050	41850	43650	45450	47250	50850	55850	60300	64000	66800	68800	70100	70900	71500	56450
Median	31600	33150	34700	36250	37850	39450	41050	42600	44150	47100	51050	54300	56750	58350	59350	59750	59850	59500	48400
Lower Quartile	30150	31550	32950	34350	35750	37150	38500	39850	41150	43600	46750	49200	50900	51900	52300	52400	52200	51550	41350
Lower Decile	28550	29800	31000	32250	33450	34650	35850	36950	38050	40100	42600	44500	45750	46400	46650	46600	46350	45650	34850
Mean	32300	33750	35250	36750	38300	39800	41350	42900	44400	47400	51600	55250	58350	60750	62550	63750	64550	65350	50350
Raw (Unsmoothed) Statistics																			
Upper Decile	33800	37950	40150	40750	44000	46550	48150	49400	51600	54950	61250	65850	70950	77750	81100	85700	83550	91450	66250
Upper Quartile	32350	34200	35950	37350	40550	42650	45350	46400	47500	51200	55300	59450	62550	65850	68700	72650	70550	74000	56450
Median	31250	32650	33950	35600	38500	39550	42500	43700	44600	47300	50750	53550	55600	57850	59050	61300	59450	61350	48400
Lower Quartile	30350	31000	32350	34000	35400	37000	39600	41300	41450	43900	46200	48800	50400	51450	51900	53600	51000	53100	41350
Lower Decile	28950	29350	30700	32150	32450	34200	37100	38400	38450	40050	41900	44500	45400	46400	46650	47300	46000	46050	34850
Mean	31800	33450	34900	36200	38550	39950	42500	43900	44750	47550	51250	54700	57300	60800	62500	64900	63700	67150	50350
Supporting Data																			
Total Number	216	322	347	413	403	410	578	591	537	1326	1231	1410	1029	643	502	350	335	486	11129
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	6	6	3	6	22	44
Less Than $22000	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3

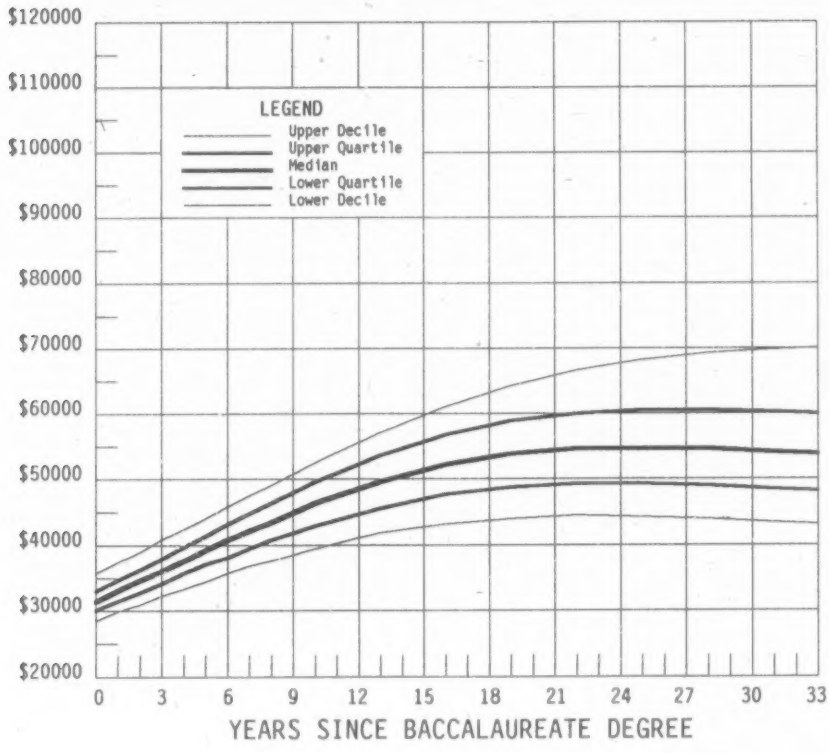
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51550	52900	54350	55850	57450	60750	66100	71750	77300	82500	87050	90750	93450	96350	78300
Upper Quartile	0	0	0	0	47150	48700	50200	51750	53250	56250	60650	64800	68550	71900	74700	76950	78650	80750	67700
Median	0	0	0	0	43250	44700	46100	47500	48900	51600	55300	58600	61400	63650	65400	66700	67600	68700	58800
Lower Quartile	0	0	0	0	40000	41300	42600	43850	45050	47400	50500	53150	55200	56750	57800	58500	58900	59200	51550
Lower Decile	0	0	0	0	36300	37650	38950	40200	41400	43700	46600	48800	50300	51150	51550	51550	51350	50750	45850
Mean	0	0	0	0	43750	45150	46600	48000	49400	52200	56150	59800	63050	65800	68100	69950	71350	73400	61400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	56400	49300	53300	54950	58950	61350	67350	70500	75300	86350	87900	92900	92300	94700	78300
Upper Quartile	0	0	0	0	51000	46350	49150	51250	53300	56650	61800	63800	68500	72750	74300	78050	76300	81800	67700
Median	0	0	0	0	43500	42650	45250	47750	49000	52300	56300	58400	60500	63200	66000	67250	65150	70400	58800
Lower Quartile	0	0	0	0	39000	39350	41750	44350	45800	48300	51350	52600	54700	56250	57800	59950	56450	60650	51550
Lower Decile	0	0	0	0	31600	36950	39300	41250	42400	44600	47300	48150	50200	50450	51100	53000	48400	52700	45850
Mean	0	0	0	0	44700	42650	46100	48400	49950	52750	57000	59200	62100	66900	68300	70750	68950	74500	61400
Supporting Data																			
Total Number	1	4	15	21	28	44	67	67	73	282	370	563	444	300	244	191	177	249	3140
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	2	4	12	26
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35700	37300	39000	40700	42400	44100	45850	47550	49200	52500	57050	60950	64150	66550	68200	69300	69900	70350	57700
Upper Quartile	32950	34600	36300	38000	39750	41450	43150	44800	46450	49550	53600	56750	58900	60100	60600	60600	60250	59250	51550
Median	31500	33000	34550	36100	37650	39200	40700	42200	43600	46300	49650	52150	53750	54550	54750	54550	54100	53000	45250
Lower Quartile	30050	31450	32850	34250	35600	36950	38250	39500	40750	42950	45700	47600	48800	49250	49250	48950	48450	47400	38950
Lower Decile	28550	29750	30950	32200	33350	34500	35650	36700	37700	39550	41750	43250	44100	44400	44300	43950	43500	42550	33450
Mean	32100	33500	34950	36400	37850	39300	40750	42150	43500	46100	49600	52400	54550	56000	56850	57250	57400	57200	46050
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33750	36900	39350	40400	43000	45950	47000	48350	49750	52400	55700	59950	63450	65900	67400	71300	71300	73550	57700
Upper Quartile	32300	34050	35750	37600	40300	42050	44900	45900	46550	49700	52850	55600	57750	59500	60050	61600	62000	61650	51550
Median	31200	32650	33850	35450	38350	39350	42250	43350	44100	46300	48950	51400	52600	54350	54550	55150	54400	55250	45250
Lower Quartile	30350	30950	32300	33900	35300	36700	39400	41150	41100	43050	44900	47150	48050	49050	49250	49750	48700	48550	38950
Lower Decile	28950	29300	30700	32100	32500	34100	36800	38300	38150	39250	41000	42850	44000	44950	44850	43650	44400	42350	33450
Mean	31700	33050	34500	36000	38100	39650	42000	43350	43950	46150	48750	51750	53600	55450	57000	57850	57850	59450	46050
---------- Supporting Data ----------																			
Total Number	215	318	332	392	375	366	511	524	464	1044	861	847	585	343	258	159	158	237	7989
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	2	10	18
Less Than $22000	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35750	37500	39300	41150	43050	44950	46900	48900	50900	54900	60750	66200	71050	75100	78350	80800	82550	84750	64300
Upper Quartile	33050	34700	36400	38150	39900	41700	43500	45300	47100	50600	55500	59800	63300	65900	67700	68800	69400	69750	55250
Median	31550	33100	34650	36200	37750	39350	40900	42450	43950	46850	50750	53900	56300	57900	58800	59200	59300	58900	47300
Lower Quartile	30150	31500	32900	34300	35650	37050	38400	39700	40950	43350	46450	48800	50450	51450	51900	51950	51800	51200	40450
Lower Decile	28550	29750	30950	32150	33350	34550	35700	36800	37850	39800	42300	44150	45350	46050	46300	46250	46050	45400	34150
Mean	32150	33600	35100	36600	38150	39650	41200	42700	44200	47100	51200	54750	57650	59900	61500	62550	63200	63800	49200
Raw (Unsmoothed) Statistics																			
Upper Decile	33700	37400	39900	40450	43600	46550	48100	49150	51600	54800	60650	64950	69400	75500	75450	86050	80250	88950	64300
Upper Quartile	32200	34000	35800	37700	40400	42550	45400	46300	47450	51000	54850	58850	61450	63850	66800	72850	69300	72800	55250
Median	31200	32600	33800	35500	38450	39500	42550	43650	44500	47150	50150	52950	55000	57250	58450	61300	59200	60700	47300
Lower Quartile	30300	30950	32250	33900	35250	36950	39650	41300	41450	43900	45550	48150	49950	50550	51300	53500	51000	53000	40450
Lower Decile	28900	29250	30600	32100	32300	34100	37100	38350	38450	39800	41250	44250	45000	45450	46150	47250	46000	45900	34150
Mean	31650	33300	34650	36050	38300	39900	42500	43750	44700	47400	50650	54100	56400	59500	60600	64800	62400	66100	49200
Supporting Data																			
Total Number	211	311	327	394	375	379	533	529	491	1130	976	1103	803	457	376	295	285	403	9378
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	5	2	2	3	16	29
Less Than $22000	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50900	52400	53900	55450	57050	60350	65450	70600	75650	80250	84350	87650	90150	93100	76200
Upper Quartile	0	0	0	0	47050	48550	50000	51500	52950	55850	60000	63900	67350	70400	72950	75050	76700	79150	66400
Median	0	0	0	0	43250	44600	45950	47300	48650	51200	54750	57850	60500	62650	64300	65500	66350	67450	57900
Lower Quartile	0	0	0	0	39950	41200	42450	43650	44850	47100	50100	52600	54550	56050	57050	57700	58100	58400	50750
Lower Decile	0	0	0	0	36550	37800	39000	40200	41350	43450	46100	48150	49550	50350	50700	50750	50600	50050	45200
Mean	0	0	0	0	43700	45050	46400	47750	49100	51750	55500	58950	62000	64600	66800	68550	69850	71800	60200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	55400	49350	53500	53600	58550	60750	67200	69450	74000	82050	85250	91900	86000	93500	76200
Upper Quartile	0	0	0	0	50000	46350	49250	51050	53000	56450	60950	63300	66650	71200	72000	77600	75000	79550	66400
Median	0	0	0	0	42500	42500	45400	47700	49100	52100	55700	57700	59300	62200	64000	67250	64000	69100	57900
Lower Quartile	0	0	0	0	38000	39300	41700	44550	46250	48100	50800	51950	54050	55550	56650	59550	56300	59500	50750
Lower Decile	0	0	0	0	30800	36850	39250	41350	43400	44450	46900	47700	49200	48450	50150	53400	47900	51900	45200
Mean	0	0	0	0	43550	42550	46150	48150	50050	52400	56450	58500	60800	65400	66300	70300	67450	73150	60200
Supporting Data																			
Total Number	1	3	14	21	24	43	65	58	68	246	295	452	355	213	196	165	154	210	2583
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	1	3	10	20
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35400	37100	38750	40500	42200	43950	45650	47350	49050	52300	56750	60450	63400	65500	66850	67650	68000	68050	56250
Upper Quartile	32800	34500	36150	37900	39600	41300	43000	44650	46300	49350	53300	56350	58450	59550	60000	59900	59500	58400	50400
Median	31450	33000	34500	36050	37600	39100	40600	42050	43450	46050	49350	51800	53350	54100	54250	54050	53600	52500	44450
Lower Quartile	30050	31450	32800	34200	35550	36850	38150	39400	40550	42750	45400	47250	48350	48800	48750	48400	47950	46850	38150
Lower Decile	28550	29750	30950	32100	33250	34350	35450	36450	37450	39200	41300	42750	43550	43850	43800	43500	43100	42200	32950
Mean	31950	33400	34850	36300	37750	39200	40600	42000	43350	45900	49250	51900	53850	55100	55750	56000	56000	55600	45000
Raw (Unsmoothed) Statistics																			
Upper Decile	33650	36650	39150	40050	42700	45900	46950	48100	49750	52200	55300	59350	62600	63400	64350	72000	69950	71850	56250
Upper Quartile	32150	33950	35600	37450	40200	41900	44900	45850	46500	49500	52300	54950	57050	58700	59250	61550	61400	61150	50400
Median	31200	32550	33700	35350	38300	39300	42300	43350	43950	46200	48350	50750	52000	53700	53700	54650	54600	55100	44450
Lower Quartile	30300	30900	32250	33800	35200	36700	39400	41100	41050	42950	44350	46400	47700	48350	48500	49050	48900	48250	38150
Lower Decile	28900	29200	30650	32050	32350	33950	36800	38250	38150	39050	39900	42550	43200	44200	44400	43150	44550	42300	32950
Mean	31550	33000	34300	35850	37950	39600	42000	43250	43850	46000	48150	51050	52900	54350	54400	57750	56500	58500	45000
Supporting Data																			
Total Number	210	308	313	373	351	336	468	471	423	884	681	651	448	244	180	130	131	193	6795
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	6	9
Less Than $22000	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3

1989 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45150	46150	47250	48450	49750	51200	52750	56150	61950	68600	75800	83200	90300	96650	101750	108100	74050
Upper Quartile	0	0	39550	41050	42550	44100	45650	47250	48850	52050	56900	61650	66150	70250	73850	76800	79050	81900	61650
Median	0	0	36350	37850	39400	40900	42450	43950	45450	48350	52300	55650	58350	60350	61700	62550	63050	63350	53400
Lower Quartile	0	0	33900	35350	36850	38250	39700	41050	42400	44950	48200	50700	52400	53350	53800	53800	53600	52850	47000
Lower Decile	0	0	32200	33600	34950	36250	37500	38700	39800	41850	44350	46200	47500	48350	48900	49200	49350	49400	41250
Mean	0	0	38000	39300	40600	41900	43250	44600	46000	48750	52850	56900	60600	63950	66800	69100	70800	72700	56500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	47000	43500	51800	46350	48600	51400	52250	55300	62700	69050	75850	81350	95250	91250	114400	99750	74050
Upper Quartile	0	0	39000	41900	44000	43550	44500	47850	47750	52100	57150	61400	67100	69150	75400	71500	81250	82200	61650
Median	0	0	36400	38000	40400	40100	41700	44000	45100	48150	52850	56000	58200	59300	61650	61200	63350	64500	53400
Lower Quartile	0	0	34850	35650	37000	38200	39150	41700	41550	44000	48650	51200	52350	53500	53700	53250	51050	53750	47000
Lower Decile	0	0	34000	33800	34800	34850	36950	38950	38250	41200	45050	47600	46850	49250	49850	46250	46700	47050	41250
Mean	0	0	39000	39150	41850	40600	42000	45000	45450	48500	53450	57050	60400	63400	68100	66000	72200	72400	56500
Supporting Data																			
Total Number	5	11	20	18	28	31	44	62	45	193	248	294	213	172	118	45	47	81	1675
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1	3	6	15
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

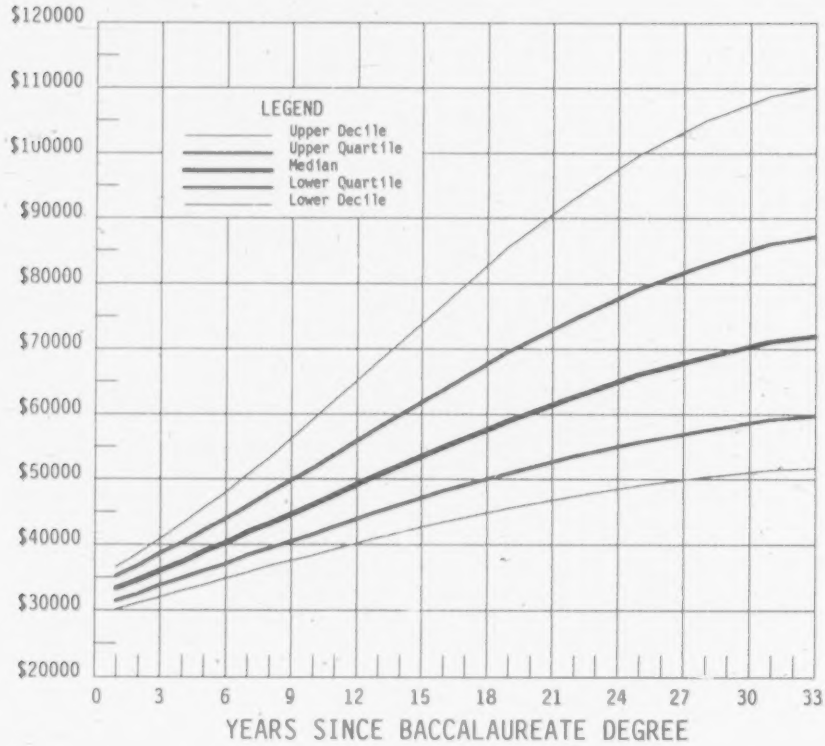
1989 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	63550	67800	74450	82300	90200	97100	102350	105700	108350	85350
Upper Quartile	0	0	0	0	0	0	0	0	0	59500	62750	66750	71250	75950	80350	84250	87350	91150	72400
Median	0	0	0	0	0	0	0	0	0	54350	58050	61500	64600	67400	69800	71850	73450	75950	63150
Lower Quartile	0	0	0	0	0	0	0	0	0	50950	53450	55850	58150	60250	62200	63950	65400	67800	55750
Lower Decile	0	0	0	0	0	0	0	0	0	47700	49500	51150	52600	53900	55050	56000	56750	57950	50550
Mean	0	0	0	0	0	0	0	0	0	55500	58650	62500	66600	70650	74200	77050	79100	81150	66500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	63600	67500	75350	81000	90000	96250	108750	115850	102500	85350
Upper Quartile	0	0	0	0	0	0	0	0	0	58500	63800	66650	71750	74200	80750	80600	94400	91500	72400
Median	0	0	0	0	0	0	0	0	0	53500	59000	60850	66350	65250	72750	67600	73000	77350	63150
Lower Quartile	0	0	0	0	0	0	0	0	0	49900	53950	56150	59600	57150	64850	62350	64500	69200	55750
Lower Decile	0	0	0	0	0	0	0	0	0	47250	49700	51050	53300	53800	56650	50900	53150	60800	50550
Mean	0	0	0	0	0	0	0	0	0	55050	59300	62050	67350	69450	75300	74800	80200	82050	66500
Supporting Data																			
Total Number	0	1	1	0	4	1	2	9	5	35	75	108	84	80	45	23	21	38	532
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	42900	44000	45100	46300	47550	48900	50250	53200	58050	63250	68700	74150	79350	83950	87700	92750	62400
Upper Quartile	0	0	38850	40400	41950	43500	45050	46550	48000	50850	54600	57750	60150	61850	62950	63550	63850	63900	55800
Median	0	0	36000	37500	39000	40500	42000	43400	44800	47400	50700	53150	54850	55750	56100	56050	55800	54900	50600
Lower Quartile	0	0	34000	35500	37000	38400	39700	41000	42200	44300	46900	48800	50100	50900	51400	51650	51800	51850	44450
Lower Decile	0	0	32300	33650	34900	36150	37300	38350	39350	41100	43200	44700	45650	46250	46600	46750	46850	46850	39300
Mean	0	0	37300	38550	39850	41100	42400	43650	44850	47300	50700	53850	56600	58900	60800	62250	63300	64450	51850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41300	43500	45800	46250	48800	49900	50000	53450	57300	62700	67500	75050	89250	67200	110000	83500	62400
Upper Quartile	0	0	38250	41900	42500	43100	44300	46950	47450	50900	54500	58000	59600	62650	63450	59650	66000	63400	55800
Median	0	0	36200	38000	39200	40000	41500	43750	45200	46900	51150	53200	54550	56000	56750	56000	53000	55600	50600
Lower Quartile	0	0	34800	35650	36650	38100	39050	41550	42000	43350	47500	50200	50200	50950	51450	51100	48500	49250	44450
Lower Decile	0	0	33900	33800	34400	34800	36800	38650	38000	40650	44300	46150	45200	47350	46500	44600	44900	42300	39300
Mean	0	0	37150	39150	40250	40450	41900	44150	44950	47050	50950	54150	55900	58150	63600	56750	65700	63850	51850
Supporting Data																			
Total Number	5	10	19	18	24	30	42	53	40	158	173	186	129	92	73	22	26	43	1143
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	4	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

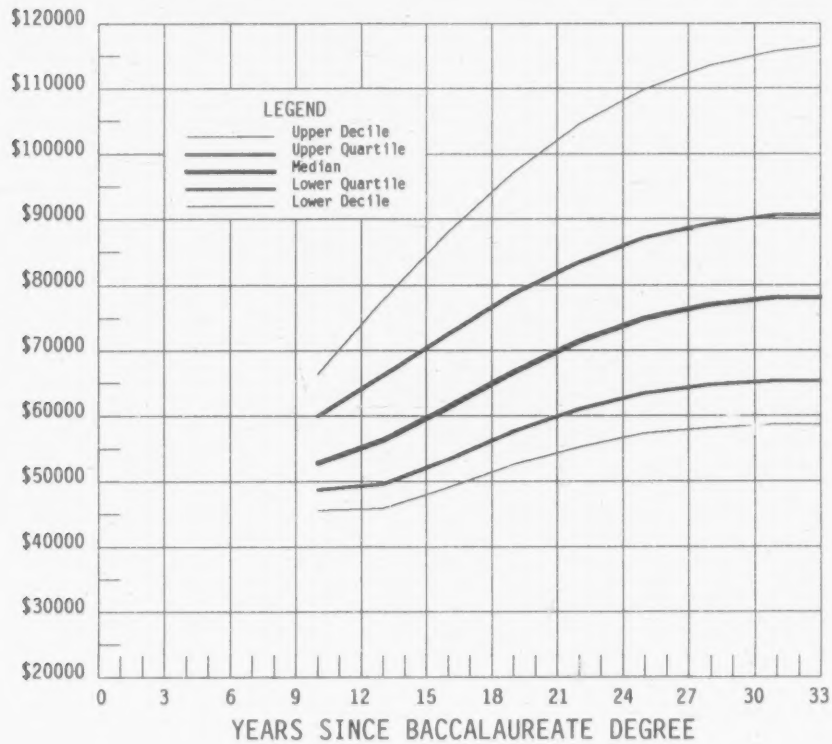
SALARY CURVES FOR ENGINEERS IN GAS UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: GAS UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	36400	38550	40750	43100	45550	48100	50750	53450	59100	67950	76900	85500	93200	99750	105000	108850	114000	81700
Upper Quartile	0	35200	36900	38600	40400	42200	44050	45950	47900	51850	57900	63850	69550	74700	79250	83050	86100	90600	63550
Median	0	33350	34650	36050	37450	38850	40300	41750	43250	46200	50650	55000	59050	62800	66100	68900	71150	74650	49150
Lower Quartile	0	31550	32650	33750	34900	36000	37150	38300	39450	41700	45000	48150	51050	53600	55800	57650	59150	61400	40600
Lower Decile	0	30250	31150	32100	33000	33950	34850	35750	36700	38450	41000	43400	45550	47450	49050	50400	51450	53050	35550
Mean	0	33000	34500	36100	37700	39350	41000	42750	44450	48000	53300	58450	63250	67550	71250	74300	76650	80100	55350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	35250	37400	40050	47600	48400	46900	51900	52100	59250	65600	77800	88500	120000	83500	91500	99000	127000	81700
Upper Quartile	0	34150	35750	38600	42500	43400	43700	45950	49000	52600	55000	65000	71800	74000	73650	80600	83350	95000	63550
Median	0	30500	34750	36850	37200	41000	40550	41300	45000	46900	48900	52500	62250	60000	63500	68650	68000	78000	49150
Lower Quartile	0	29100	32000	33900	35350	37350	38200	37500	41750	43250	42500	44950	53200	52250	54100	58350	60000	62300	40600
Lower Decile	0	28450	29050	32450	33600	35600	36450	35100	38200	40300	38600	41050	46300	47300	47450	49550	53300	54200	35550
Mean	0	31350	34050	36300	38950	41100	41150	42250	45050	48950	50050	58600	66200	70850	64200	72500	74800	83050	55350
Supporting Data																			
Total Number	9	11	16	19	16	16	31	31	32	61	52	41	53	22	23	27	24	48	532
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	1	5	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

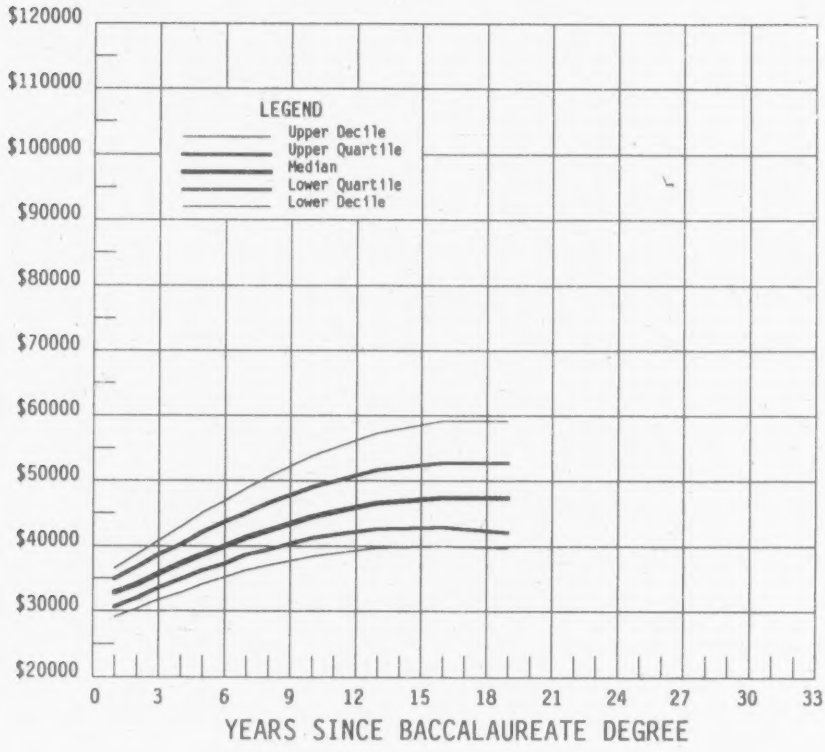
SALARY CURVES FOR ENGINEERS IN GAS UTILITIES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: GAS UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	66500	77600	88100	97200	104500	109850	113500	115850	118200	98400
Upper Quartile	0	0	0	0	0	0	0	0	0	60000	66050	72550	78650	83600	87200	89400	90600	91350	79900
Median	0	0	0	0	0	0	0	0	0	52700	56150	61350	66800	71450	74850	76950	78050	78650	65350
Lower Quartile	0	0	0	0	0	0	0	0	0	48850	49700	53450	57650	61150	63450	64750	65350	65600	55100
Lower Decile	0	0	0	0	0	0	0	0	0	45700	46000	49050	52500	55300	57200	58250	58700	58950	47550
Mean	0	0	0	0	0	0	0	0	0	54950	59450	65700	71850	76800	80150	82100	83000	83450	71100
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	67600	70100	93500	103350	137500	87500	94500	102500	136000	98400
Upper Quartile	0	0	0	0	0	0	0	0	0	59650	66500	74500	78650	81250	77000	84400	91250	98750	79900
Median	0	0	0	0	0	0	0	0	0	52700	55500	62800	68000	66000	71350	74000	75000	84400	65350
Lower Quartile	0	0	0	0	0	0	0	0	0	48900	49750	52250	60000	57000	63500	64350	63650	67000	55100
Lower Decile	0	0	0	0	0	0	0	0	0	45600	46700	47300	54800	50750	58000	58800	55700	60600	47550
Mean	0	0	0	0	0	0	0	0	0	55350	57350	67700	73200	77500	71650	78050	79850	89550	71100
---------- Supporting Data ----------																			
Total Number	0	0	0	1	0	4	3	6	7	21	19	23	36	15	15	21	19	39	229
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	1	5	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN GAS UTILITIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: GAS UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	36550	38650	40750	42900	44950	47000	48900	50750	53950	57400	59100	59200	0	0	0	0	0	55100
Upper Quartile	0	35000	36800	38600	40350	42050	43700	45200	46650	49100	51700	52900	52900	0	0	0	0	0	48400
Median	0	32700	34250	35800	37250	38700	40050	41350	42500	44500	46550	47450	47400	0	0	0	0	0	42100
Lower Quartile	0	30650	32100	33550	34950	36250	37450	38600	39600	41200	42600	42850	42200	0	0	0	0	0	37150
Lower Decile	0	29050	30400	31650	32900	34100	35150	36150	37050	38500	39800	40100	39650	0	0	0	0	0	34000
Mean	0	32750	34400	36000	37600	39150	40600	42000	43250	45400	47650	48600	48500	0	0	0	0	0	43450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	35250	37400	40100	47600	48800	45200	50750	51500	53000	54700	58400	63050	0	0	0	0	0	55100
Upper Quartile	0	34150	35750	38750	42500	47000	42700	43250	48300	49250	50550	50750	55750	0	0	0	0	0	48400
Median	0	30500	34750	37000	37200	41000	40100	39750	44300	44650	45100	45000	50750	0	0	0	0	0	42100
Lower Quartile	0	29100	32000	34500	35350	37000	38000	36900	41850	41800	40100	41400	45250	0	0	0	0	0	37150
Lower Decile	0	28450	29050	32550	33600	35200	36300	34500	38750	38750	37650	39350	42050	0	0	0	0	0	34000
Mean	0	31350	34050	36500	38950	41350	40450	40600	44900	45600	45800	47050	51400	0	0	0	0	0	43450
Supporting Data																			
Total Number	9	11	16	18	16	12	28	25	25	40	33	18	17	7	8	6	5	9	303
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: GAS UTILITIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	36650	38750	40900	43150	45450	47850	50300	52850	58050	65950	73700	80900	87150	92250	96150	99000	102450	77550
Upper Quartile	0	35250	36900	38650	40400	42200	44100	45950	47900	51750	57600	63300	68600	73300	77300	80600	83100	86750	61850
Median	0	33000	34450	35900	37400	38900	40450	41950	43550	46650	51250	55600	59550	63000	65950	68250	70050	72600	48600
Lower Quartile	0	31150	32350	33550	34750	36000	37200	38400	39600	42000	45350	48450	51150	53450	55300	56750	57950	59300	40250
Lower Decile	0	30050	31050	32050	33050	34050	35050	36000	36950	38850	41500	43850	45900	47650	49050	50150	51000	52150	35300
Mean	0	33050	34550	36100	37700	39350	41000	42650	44350	47700	52700	57500	61800	65550	68700	71200	73050	75650	53500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	35250	36500	40000	47600	48400	46900	52000	52300	59350	63000	71200	90500	70800	84500	83500	97000	115000	77550
Upper Quartile	0	34150	35550	38450	42500	43400	43700	46100	49400	52700	54650	63200	71800	65500	74350	76350	82500	91250	61850
Median	0	30500	34600	36850	37200	41000	40550	41600	45100	47000	48500	56000	62250	58000	63500	66000	68000	76000	48600
Lower Quartile	0	29100	31500	33600	35350	37350	38200	37750	41850	43450	42100	46000	53250	50400	54900	57000	55600	61450	40250
Lower Decile	0	28450	29000	32350	33600	35600	36450	35000	38900	41000	38300	41200	46900	47450	47150	48950	53150	53300	35300
Mean	0	31350	33650	36200	38950	41100	41150	42400	45350	49100	49400	55850	66750	57800	64500	67400	73500	79450	53500
Supporting Data																			
Total Number	9	11	15	17	16	16	31	30	29	60	45	32	49	13	21	23	22	42	481
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

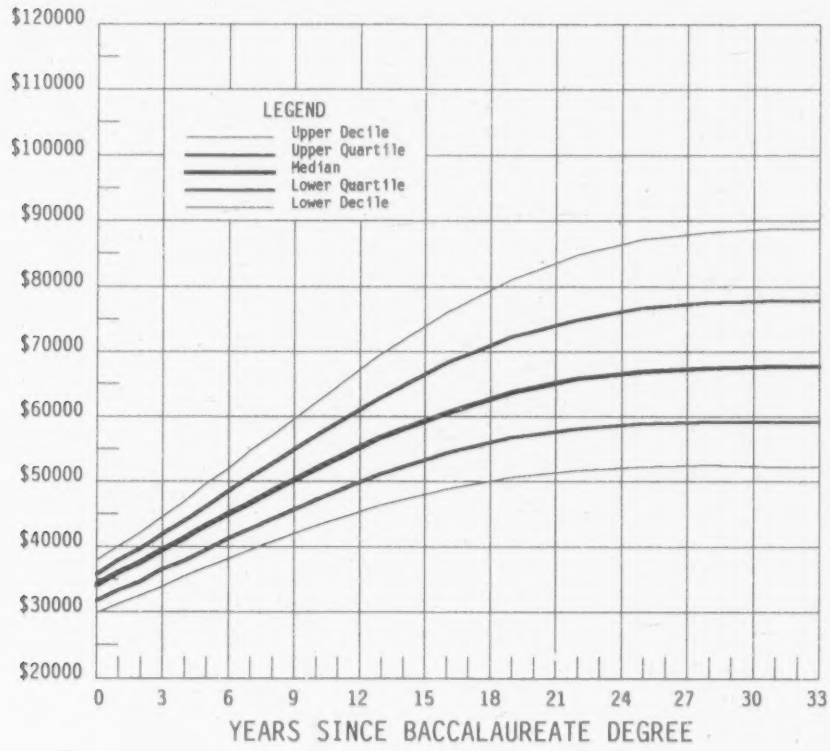
1989 ENGINEERING SALARY STATISTICS: GAS UTILITIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	66200	73550	81600	89450	96250	101550	105150	107300	108800	93250
Upper Quartile	0	0	0	0	0	0	0	0	0	59600	64550	69800	74900	79450	83250	86050	87950	89650	76700
Median	0	0	0	0	0	0	0	0	0	52450	56700	61350	65900	69950	73200	75600	77100	78350	63450
Lower Quartile	0	0	0	0	0	0	0	0	0	47700	51550	54850	57650	59800	61450	62550	63300	64100	53450
Lower Decile	0	0	0	0	0	0	0	0	0	45150	46750	49450	52350	54950	56900	58200	58950	59450	47200
Mean	0	0	0	0	0	0	0	0	0	54700	58950	63800	68700	73050	76500	78950	80500	81650	68000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	67600	69000	74400	104150	0	88000	91500	98250	121650	93250
Upper Quartile	0	0	0	0	0	0	0	0	0	59650	64500	67000	79000	0	78000	78350	84600	95850	76700
Median	0	0	0	0	0	0	0	0	0	52700	55250	61600	67500	0	72000	69000	75000	82500	63450
Lower Quartile	0	0	0	0	0	0	0	0	0	48900	49600	51500	59800	0	63000	62500	63000	63650	53450
Lower Decile	0	0	0	0	0	0	0	0	0	45600	45500	47800	54500	0	57600	58250	55100	60250	47200
Mean	0	0	0	0	0	0	0	0	0	55350	56450	62000	73150	0	71800	72450	78750	85700	68000
Supporting Data																			
Total Number	0	0	0	1	0	4	3	6	7	21	15	18	35	9	14	17	17	34	201
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: GAS UTILITIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	36100	38300	40550	42800	45000	47100	49150	51050	54350	57700	59050	58650	0	0	0	0	0	54600
Upper Quartile	0	34800	36650	38500	40350	42100	43850	45450	46950	49500	52200	53300	53200	0	0	0	0	0	48200
Median	0	32550	34150	35700	37250	38700	40100	41400	42600	44550	46500	47200	46950	0	0	0	0	0	41950
Lower Quartile	0	30300	31800	33300	34750	36150	37450	38600	39650	41350	42750	42950	42150	0	0	0	0	0	36950
Lower Decile	0	28900	30300	31650	32950	34150	35300	36300	37250	38700	39950	40100	39450	0	0	0	0	0	33650
Mean	0	32500	34200	35900	37550	39150	40700	42150	43450	45650	47850	48600	48250	0	0	0	0	0	43100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	35250	36500	40050	47600	48800	45200	50900	51800	53300	55000	59200	62150	0	0	0	0	0	54600
Upper Quartile	0	34150	35550	38600	42500	47000	42700	43400	48900	49450	51100	52250	55250	0	0	0	0	0	48200
Median	0	30500	34600	37000	37200	41000	40100	40000	44000	44850	44750	45500	50000	0	0	0	0	0	41950
Lower Quartile	0	29100	31500	34000	35350	37000	38000	37000	41950	42000	40100	41500	45500	0	0	0	0	0	36950
Lower Decile	0	28450	29000	32400	33600	35200	36300	34400	39800	38900	37500	39400	42200	0	0	0	0	0	33650
Mean	0	31350	33650	36400	38950	41350	40450	40750	45300	45750	45850	47900	50800	0	0	0	0	0	43100
Supporting Data																			
Total Number	9	11	15	16	16	12	28	24	22	39	30	14	14	4	7	6	5	8	280
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

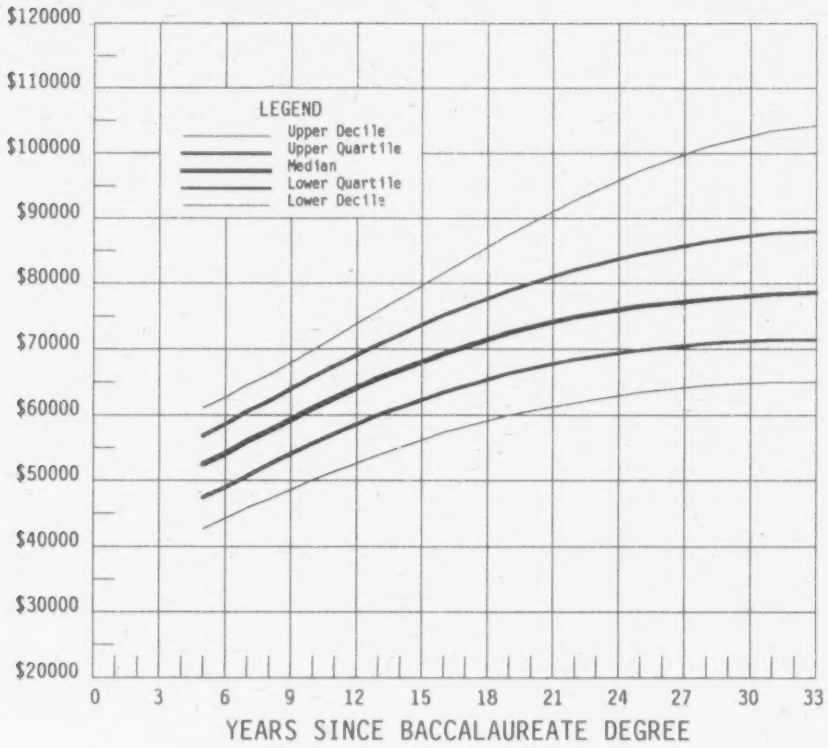
SALARY CURVES FOR ENGINEERS IN RESEARCH LABORATORIES
ALL ENGINEERS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37800	39950	42250	44600	47050	49500	52050	54600	57150	62250	69550	75950	81100	84800	87150	88400	88900	88550	77200
Upper Quartile	35850	37800	39850	41900	44050	46200	48400	50600	52750	57050	63050	68200	72200	75050	76800	77650	77950	77550	65600
Median	34200	35950	37700	39500	41300	43100	44950	46750	48550	52000	56700	60650	63650	65750	67000	67600	67750	67450	54700
Lower Quartile	31700	33250	34800	36400	38000	39600	41200	42800	44350	47300	51250	54400	56700	58200	59000	59300	59250	58700	46000
Lower Decile	29850	31200	32600	34000	35350	36750	38100	39450	40750	43200	46400	48900	50650	51750	52300	52450	52350	51800	38400
Mean	34050	35800	37600	39400	41300	43150	45050	46900	48800	52400	57450	61750	65100	67500	69050	69850	70200	70100	56900
Raw (Unsmoothed) Statistics																			
Upper Decile	35100	40050	41850	45100	48000	49700	53350	55800	59150	63300	68050	72600	78850	83300	88450	89450	89350	90400	77200
Upper Quartile	33450	36500	40000	42400	45200	46800	50000	52300	54850	57700	61100	64850	71000	74100	77800	78400	78300	79150	65600
Median	32300	34200	38100	39450	41800	43800	46850	48700	50900	52700	55100	58050	61450	65100	67600	67850	68100	69300	54700
Lower Quartile	30850	31750	34700	36000	37900	40000	42700	44700	47050	48000	50100	52400	54550	57700	58850	59500	60000	60200	46000
Lower Decile	29550	29850	32350	33950	35300	37000	39050	41200	42600	43500	45250	47550	49350	52100	52750	52350	52650	52500	38400
Mean	32500	34600	37600	39450	41700	43600	46500	48600	50900	53100	55950	59300	63400	66800	69800	70200	70700	71500	56900
Supporting Data																			
Total Number	528	692	947	995	971	929	1169	1250	1262	3353	2689	2224	2070	1878	1789	1707	1449	2245	28147
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	3	3	13	16	16	32	84
Less Than $22000	2	4	1	0	1	1	0	1	0	2	1	0	0	0	0	1	0	1	15

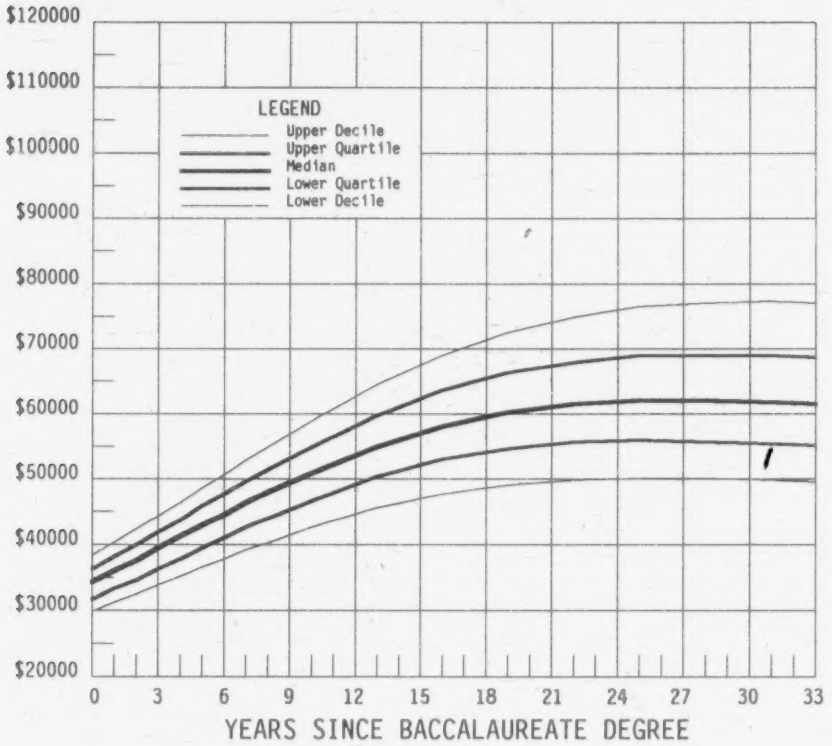
SALARY CURVES FOR ENGINEERS IN RESEARCH LABORATORIES SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	61150	62800	64500	66250	69900	75750	81650	87450	92750	97300	100950	103600	106400	92350
Upper Quartile	0	0	0	0	0	56750	58600	60450	62250	65800	70750	75200	79000	82100	84500	86350	87650	89300	80700
Median	0	0	0	0	0	52450	54250	56000	57700	61000	65500	69350	72450	74850	76550	77700	78400	79050	72150
Lower Quartile	0	0	0	0	0	47450	49150	50800	52450	55600	59900	63550	66400	68550	70000	70950	71450	71750	64150
Lower Decile	0	0	0	0	0	42800	44300	45800	47250	50050	53950	57250	59950	62000	63450	64450	65050	65600	56850
Mean	0	0	0	0	0	51950	53750	55500	57250	60650	65500	69800	73500	76550	78950	80750	82050	83700	74150
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	58200	62300	62550	65950	71650	75800	80300	88650	90550	99050	98900	102000	109400	92350
Upper Quartile	0	0	0	0	0	51900	57900	59500	62800	67150	70700	74000	78650	81100	86300	87300	86850	89000	80700
Median	0	0	0	0	0	46250	53400	54100	58700	62800	65250	68050	72650	73850	77200	78600	78150	78900	72150
Lower Quartile	0	0	0	0	0	41550	47450	49000	53000	57750	60150	61450	66600	68200	70150	72100	70650	71900	64150
Lower Decile	0	0	0	0	0	33900	43300	47000	50150	50550	53150	56150	60400	61450	64650	64950	64750	65200	56850
Mean	0	0	0	0	0	46550	53000	54250	58300	62250	64950	68350	73900	75500	80450	81550	81550	83350	74150
---------- Supporting Data ----------																			
Total Number	1	3	2	7	8	19	61	111	152	532	547	593	674	748	708	676	565	806	6213
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	3	3	13	16	16	32	84
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

SALARY CURVES FOR ENGINEERS IN RESEARCH LABORATORIES NON-SUPERVISORS, ALL DEGREE LEVELS



1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38300	40250	42300	44350	46450	48600	50700	52800	54900	58950	64500	69100	72650	75050	76500	77150	77300	76850	67150
Upper Quartile	36200	38050	39950	41850	43800	45750	47650	49600	51450	55050	59800	63650	66400	68100	68950	69150	68950	68050	58900
Median	34300	36000	37700	39450	41200	42900	44600	46300	47950	51050	55050	58200	60350	61600	62150	62150	61900	60900	51450
Lower Quartile	31650	33200	34750	36350	37900	39500	41050	42550	44000	46750	50300	52950	54650	55600	55900	55750	55350	54300	43600
Lower Decile	29850	31200	32600	33950	35300	36600	37950	39200	40400	42700	45600	47750	49200	49950	50200	50150	49850	49050	36750
Mean	34200	35900	37600	39300	41050	42750	44450	46150	47800	50900	55050	58350	60700	62150	62900	63100	62950	62250	52000
Raw (Unsmoothed) Statistics																			
Upper Decile	35000	40050	41800	44900	47850	49600	52700	54900	57050	59200	62600	65600	70550	73300	77800	76300	77800	80400	67150
Upper Quartile	33450	36450	40000	42350	45100	46750	49750	51850	53800	55500	58100	60500	63450	66000	68950	68750	69900	71750	58900
Median	32300	34200	38100	39400	41800	43800	46600	48300	50200	51650	53600	55700	57200	60300	61550	62050	62800	63950	51450
Lower Quartile	30850	31750	34700	36000	37900	40000	42500	44400	46400	47300	49000	51000	52600	54750	55250	55300	56200	56500	43600
Lower Decile	29550	29850	32350	33950	35300	37050	38950	41000	42100	42800	44600	46400	47600	50200	50200	49850	50050	50350	36750
Mean	32500	34500	37600	39400	41600	43550	46150	48050	49900	51350	53650	56000	58300	61000	62800	62800	63750	64850	52000
Supporting Data																			
Total Number	527	689	945	988	963	910	1108	1139	1110	2821	2142	1631	1396	1130	1081	1031	884	1439	21934
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	4	1	0	1	1	0	1	0	2	1	0	0	0	0	0	0	1	14

1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35300	37600	40050	42600	45300	48050	50900	53750	56700	62600	71100	78500	84150	87900	89850	90450	90100	88250	75300
Upper Quartile	33600	35600	37700	39800	42050	44300	46600	48900	51200	55750	62150	67600	71700	74450	75900	76450	76350	75250	62350
Median	32150	33850	35550	37350	39150	40950	42750	44550	46350	49850	54600	58600	61650	63750	64950	65500	65600	65150	50000
Lower Quartile	30600	32050	33450	34950	36400	37850	39300	40750	42150	44800	48400	51350	53600	55100	56050	56500	56600	56400	39100
Lower Decile	29050	30250	31450	32600	33800	35000	36150	37250	38400	40450	43250	45550	47300	48550	49350	49800	50000	50000	33450
Mean	32250	34000	35800	37600	39450	41350	43250	45150	47050	50750	55900	60300	63750	66150	67650	68450	68700	68450	52800
Raw (Unsmoothed) Statistics																			
Upper Decile	34300	38550	40750	42250	43750	46700	50650	55200	58550	64300	69450	76500	83450	84850	91200	88900	88450	90650	75300
Upper Quartile	33350	35450	38100	39150	40650	43800	47200	51100	53900	57500	59900	64200	70900	71200	77300	75950	76350	76800	62350
Median	32250	33650	35500	36400	37750	40550	43800	47200	49250	50950	52650	56150	59700	62850	66050	65050	65650	66250	50000
Lower Quartile	30800	31350	33300	34500	35900	37350	40200	43350	44750	45400	46800	49600	52000	54200	55400	56450	57250	57300	39100
Lower Decile	29450	29450	31200	32600	33400	34900	36400	39350	39350	41100	42050	44450	46300	48500	49100	49350	49950	50800	33450
Mean	32300	33750	35950	37000	38350	40850	43850	47200	49300	51800	54050	58500	62700	64600	68750	67650	68450	69700	52800
Supporting Data																			
Total Number	511	599	542	493	398	333	408	512	413	1109	746	579	536	445	454	578	617	1026	10299
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	1	7	4	6	20	41
Less Than $22000	2	4	1	0	1	1	0	1	0	2	1	0	0	0	0	1	0	1	15

1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58450	60900	63400	65900	70950	78350	85300	91600	97000	101450	104900	107450	110900	94950
Upper Quartile	0	0	0	0	0	52500	54900	57350	59800	64550	71250	77000	81500	84750	86850	87950	88400	88150	81500
Median	0	0	0	0	0	48350	50350	52300	54200	57950	63150	67600	71150	73750	75500	76550	77100	77350	70600
Lower Quartile	0	0	0	0	0	44450	45950	47450	48900	51800	55800	59350	62400	64800	66700	68050	69000	70200	60900
Lower Decile	0	0	0	0	0	41050	42200	43350	44450	46700	49850	52700	55250	57400	59200	60700	61800	63450	51350
Mean	0	0	0	0	0	48850	50850	52800	54800	58650	64150	69000	73100	76350	78700	80350	81450	82500	73150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59200	65200	59850	64500	72050	78000	87500	93750	92700	107800	99250	104000	114200	94950
Upper Quartile	0	0	0	0	0	53000	51350	54800	60300	67250	71050	76900	82950	80600	88950	87100	86450	89750	81500
Median	0	0	0	0	0	42500	48300	50550	53900	61300	64150	65250	71600	70250	76400	76950	77300	77800	70600
Lower Quartile	0	0	0	0	0	38000	44550	48200	51000	52950	54500	57650	64350	63200	68100	68500	68550	70150	60900
Lower Decile	0	0	0	0	0	33200	41500	46600	48250	46200	48500	50300	57150	55600	63550	61300	62300	62200	51350
Mean	0	0	0	0	0	44400	49550	52000	55750	60450	63450	68250	74600	73050	81600	79600	80450	83250	73150
Supporting Data																			
Total Number	0	2	2	4	4	12	27	63	65	199	190	175	195	206	194	226	245	390	2199
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	1	7	4	6	20	41
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35700	37850	40050	42300	44600	46950	49300	51650	53950	58450	64450	69150	72350	74050	74600	74300	73600	71600	63950
Upper Quartile	33800	35700	37650	39650	41650	43700	45750	47750	49750	53550	58600	62500	65200	66650	67200	67050	66500	65000	55200
Median	32300	33900	35550	37200	38900	40550	42200	43850	45450	48500	52450	55600	57800	59100	59700	59750	59550	58650	46000
Lower Quartile	30650	32000	33400	34850	36250	37600	39000	40300	41600	44050	47150	49600	51300	52350	52800	52900	52750	52150	36850
Lower Decile	29150	30250	31400	32500	33650	34700	35800	36850	37850	39700	42200	44150	45600	46550	47150	47450	47550	47400	32700
Mean	32450	34100	35750	37450	39150	40800	42500	44150	45750	48850	52900	56100	58350	59750	60350	60450	60250	59400	47250
Raw (Unsmoothed) Statistics																			
Upper Decile	34300	38550	40700	42000	43650	46550	50150	54350	56850	59950	61150	66000	70200	68050	75250	73000	73300	74800	63950
Upper Quartile	33350	35450	38050	39100	40600	43750	46800	50500	52750	55050	55650	59600	61850	63900	66400	66200	66600	67600	55200
Median	32250	33650	35500	36350	37750	40450	43550	46500	48200	49650	50550	53600	54600	56450	57650	59900	60050	60650	46000
Lower Quartile	30800	31350	33300	34450	35850	37350	39950	42700	44050	44650	45450	48000	49200	50900	51550	52350	52850	53900	36850
Lower Decile	29450	29450	31200	32600	33350	34950	36200	38850	38650	40300	41150	42900	43800	45700	46700	46550	47950	48650	32700
Mean	32300	33750	35950	36900	38250	40700	43450	46550	48100	49900	50800	54250	55900	57250	59150	60000	60550	61400	47250
Supporting Data																			
Total Number	511	597	540	489	394	321	381	449	348	910	556	404	341	239	260	352	372	636	8100
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	4	1	0	1	1	0	1	0	2	1	0	0	0	0	0	0	1	14

1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	43750	45900	48150	50400	52700	55000	57300	61850	68400	74250	79100	82900	85600	87400	88450	89300	75450
Upper Quartile	0	0	42000	43800	45600	47450	49300	51150	52950	56550	61650	66200	70050	73150	75500	77150	78300	79550	63700
Median	0	0	40950	42300	43650	45000	46350	47700	49050	51600	55200	58450	61300	63650	65550	67000	68100	69650	53200
Lower Quartile	0	0	39150	40200	41300	42350	43400	44450	45450	47400	50150	52550	54600	56300	57700	58750	59600	60700	46300
Lower Decile	0	0	37100	38000	38900	39750	40600	41450	42250	43800	45900	47700	49250	50500	51500	52250	52750	53350	41200
Mean	0	0	40600	42100	43550	45050	46550	48000	49450	52300	56300	59900	63050	65650	67700	69250	70400	71950	56450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42550	46050	48600	49300	52800	55400	59150	63600	66650	71000	78050	82950	87600	88900	89150	88850	75450
Upper Quartile	0	0	40600	43500	46200	47250	50050	52100	54450	57150	59700	63950	70150	74300	76750	77900	78000	79300	63700
Median	0	0	39550	41600	43750	44850	47550	48850	50750	52200	53900	56850	59900	64300	66050	67200	68400	70400	53200
Lower Quartile	0	0	38500	39500	41450	41750	44050	44950	47300	47950	49350	51350	53450	57300	57450	58300	60550	61250	46300
Lower Decile	0	0	36850	38250	38750	39000	40650	41750	43550	44050	45200	47150	48250	51450	52300	52350	53600	52600	41200
Mean	0	0	39650	41800	43750	44500	47150	48750	51000	52950	55000	58100	62300	66600	68550	69600	71200	71600	56450
Supporting Data																			
Total Number	16	93	402	497	552	538	647	611	658	1576	1137	936	829	764	719	663	531	734	11903
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	7	8	8	29
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	64250	65100	66250	69250	74950	81250	87300	92450	96400	99050	100600	101700	90000
Upper Quartile	0	0	0	0	0	0	61550	62350	63300	65700	69900	74250	78250	81500	83950	85500	86450	87100	78950
Median	0	0	0	0	0	0	58900	59350	60050	61900	65250	68750	71900	74350	76150	77250	77850	78250	71000
Lower Quartile	0	0	0	0	0	0	56400	56650	57100	58300	60750	63450	65950	68100	69700	70800	71450	71950	63450
Lower Decile	0	0	0	0	0	0	49950	50950	51900	53800	56400	58750	60750	62450	63800	64950	65800	67050	58100
Mean	0	0	0	0	0	0	58350	58850	59600	61600	65400	69500	73350	76550	78950	80550	81450	82100	73250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	61700	63150	66200	71450	74850	77500	88100	92200	97100	98050	103750	101550	90000
Upper Quartile	0	0	0	0	0	0	58900	61550	63450	67200	69750	72250	77850	81050	85100	86300	86450	87100	78950
Median	0	0	0	0	0	0	56150	58750	60500	63400	64200	67050	72350	74500	76550	78050	77100	78400	71000
Lower Quartile	0	0	0	0	0	0	53700	55400	57100	60150	60200	61250	66050	69000	69150	71600	70900	72400	63450
Lower Decile	0	0	0	0	0	0	46300	47800	52600	56500	55250	56750	60700	63400	63500	65650	65700	66800	58100
Mean	0	0	0	0	0	0	55500	57150	60000	63550	64650	67100	73550	76600	79150	81250	81850	82250	73250
Supporting Data																			
Total Number	1	1	0	3	4	7	33	48	83	296	233	260	267	297	278	261	216	277	2565
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	7	8	8	29
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44500	46100	47750	49350	50950	52550	54150	57250	61650	65700	69200	72150	74500	76400	77750	79650	64900
Upper Quartile	0	0	42700	44150	45600	47000	48450	49800	51200	53800	57450	60600	63250	65350	66950	68100	68900	69900	56650
Median	0	0	41150	42400	43600	44800	45950	47100	48200	50350	53200	55650	57600	59200	60350	61200	61750	62400	50400
Lower Quartile	0	0	39150	40150	41200	42200	43150	44100	45000	46750	49050	50950	52450	53650	54550	55150	55550	56050	44650
Lower Decile	0	0	37150	38000	38850	39650	40400	41150	41850	43200	45000	46450	47650	48600	49300	49800	50150	50550	40350
Mean	0	0	40900	42150	43400	44600	45800	47000	48150	50350	53400	56000	58200	60000	61400	62400	63150	64100	51800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42550	45950	48450	49250	52100	53750	55600	57400	60250	63800	68000	72800	76300	75750	77900	80900	64900
Upper Quartile	0	0	40600	43500	46150	47150	49700	51550	52850	54200	56150	58900	61700	64550	67250	67550	69300	72650	56650
Median	0	0	39550	41550	43700	44800	47350	48400	50000	50850	52250	54000	55450	59450	59850	60850	62700	64550	50400
Lower Quartile	0	0	38500	39500	41400	41700	43800	44700	46700	47100	48250	50100	51100	54100	54550	54600	56650	56800	44650
Lower Decile	0	0	36850	38250	38750	39000	40500	41650	43050	43100	44550	46050	46850	49300	50100	50200	50700	49850	40350
Mean	0	0	39650	41700	43650	44400	46700	48050	49700	50500	52550	54700	56950	60200	61900	62000	63900	65150	51800
Supporting Data																			
Total Number	15	92	402	494	548	531	614	563	575	1280	904	676	562	467	441	402	315	457	9338
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	56900	57550	58500	59650	62500	67650	73250	78700	83500	87250	89850	91500	92700	81300
Upper Quartile	0	0	0	0	0	54500	54950	55600	56500	58650	62600	67050	71400	75300	78400	80700	82150	83350	71850
Median	0	0	0	0	0	52500	52600	52950	53450	54850	57650	60900	64200	67200	69700	71600	72850	73950	61900
Lower Quartile	0	0	0	0	0	49300	49650	50100	50650	51800	53850	56100	58300	60300	62050	63400	64350	65400	55600
Lower Decile	0	0	0	0	0	46950	47350	47750	48250	49300	50950	52600	54200	55650	56850	57750	58400	59100	51600
Mean	0	0	0	0	0	52200	52550	53.00	53800	55450	58600	62100	65600	68750	71350	73300	74600	75750	64850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	56950	57600	60100	59700	61250	68800	73300	78250	83050	87900	90850	90450	92100	81300
Upper Quartile	0	0	0	0	0	54400	54800	55600	57000	58350	63050	66400	71750	74950	78850	80850	81750	83250	71850
Median	0	0	0	0	0	51650	52050	52950	53900	55150	58000	60000	63800	67150	70550	72500	73100	73000	61900
Lower Quartile	0	0	0	0	0	48050	49500	50250	50800	52050	54100	55850	57600	60400	62200	63750	64750	65250	55600
Lower Decile	0	0	0	0	0	45300	47600	48200	48100	49600	50850	52500	54000	55450	57000	58350	58600	58750	51600
Mean	0	0	0	0	0	51500	52250	53500	53950	55450	59100	61500	65200	68500	72000	74300	74450	75150	64850
Supporting Data																			
Total Number	1	0	3	5	21	58	114	127	191	668	806	709	705	669	616	466	301	485	5945
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	2	4	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	71250	74900	79300	84200	89300	94300	98750	102450	107450	91500
Upper Quartile	0	0	0	0	0	0	0	0	0	66650	70850	74850	78550	81900	84750	87050	88850	91050	82600
Median	0	0	0	0	0	0	0	0	0	62500	66550	70200	73350	76000	78200	79900	81200	83100	75450
Lower Quartile	0	0	0	0	0	0	0	0	0	58600	62400	65750	68650	71000	72850	74300	75350	76750	69200
Lower Decile	0	0	0	0	0	0	0	0	0	54350	58350	61800	64500	66550	68000	68900	69450	69900	64050
Mean	0	0	0	0	0	0	0	0	0	62500	66650	70550	74150	77400	80200	82500	84350	86800	77350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	71050	75650	79050	83100	88050	97200	101850	97600	105950	91500
Upper Quartile	0	0	0	0	0	0	0	0	0	66150	71400	74700	78200	81300	85450	88250	87850	90400	82600
Median	0	0	0	0	0	0	0	0	0	61250	67100	70550	73600	75100	78100	80700	80900	83150	75450
Lower Quartile	0	0	0	0	0	0	0	0	0	56150	64000	66000	68300	70050	72550	75600	76150	76150	69200
Lower Decile	0	0	0	0	0	0	0	0	0	51050	61000	61300	64600	65000	68450	70150	69100	69650	64050
Mean	0	0	0	0	0	0	0	0	0	61250	67750	70450	73750	76200	81050	84300	83450	85900	77350
Supporting Data																			
Total Number	0	0	0	0	0	0	1	0	4	37	124	158	212	245	236	189	104	139	1449
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	2	4	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1989 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58200	58250	58450	58950	60450	63800	67800	71950	75900	79250	81750	83500	85050	73700
Upper Quartile	0	0	0	0	0	55400	55500	55800	56250	57550	60100	63100	66200	69100	71600	73500	74850	76200	65300
Median	0	0	0	0	0	52600	52800	53100	53500	54550	56450	58650	60850	62950	64750	66200	67200	68350	58800
Lower Quartile	0	0	0	0	0	49500	49800	50150	50600	51550	53250	55000	56750	58300	59650	60700	61450	62200	54250
Lower Decile	0	0	0	0	0	47050	47400	47800	48250	49150	50600	52000	53300	54400	55250	55900	56350	56800	50800
Mean	0	0	0	0	0	52600	52850	53150	53600	54800	57050	59550	62050	64400	66350	67850	68850	69900	60800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	56950	57350	60100	59350	60000	64950	66850	71700	75000	79700	79400	84700	87350	73700
Upper Quartile	0	0	0	0	0	54400	54750	55600	56700	58050	60350	62400	65900	68250	72200	72700	75100	77600	65300
Median	0	0	0	0	0	51650	52000	52950	53750	54950	56900	58350	59850	62650	64500	66050	68050	69350	58800
Lower Quartile	0	0	0	0	0	48050	49450	50250	50750	51900	53500	54750	56150	57750	59600	60950	61950	62850	54250
Lower Decile	0	0	0	0	0	45300	47600	48200	48100	49600	50500	51600	53200	54200	55250	56100	56600	57050	50800
Mean	0	0	0	0	0	51500	52200	53500	53750	55100	57500	58900	61500	64000	66400	67500	69650	70800	60800
Supporting Data																			
Total Number	1	0	3	5	21	58	113	127	187	631	682	551	493	424	380	277	197	346	4496
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDICES

1989 SALARY SURVEY PARTICIPANTS, BY INDUSTRIAL SECTOR

AEROSPACE

Ace Industries Division of Textron, Inc., Santa Fe Springs, California (also classed with Fabricated Metal Products)
Bell Aerospace Division of Textron, Inc., Niagara Wheatfield, New York (also classed with Electronic Equipment)
Clifton Precision Instruments and Life Support, Davenport, Iowa (primary classification: Precision Instruments)
Cox & Company, Inc., New York, New York
Dynamic Controls Corporation, South Windsor, Connecticut (primary classification: Electronic Equipment)
FL Aerospace Corp., Grimes Division, Urbana, Ohio (also classed with Electrical Machinery, Electronic Equipment, Computers)
General Dynamics/Fort Worth Division, Fort Worth, Texas (also classed with Electronic Equipment)
General Electric Defense Systems Division, Pittsfield, Massachusetts
Grumman Corporation, Bethpage, New York (also classed with Electronic Equipment)
Howmet Corporation, Dover, New Jersey
Learjet Corporation, Wichita, Kansas
LTV Missiles Division, Vought Corporation, Dallas, Texas (also classed with Electronic Equipment)
Micro Craft, Inc., Tullahoma, Tennessee (four locations) (also classed with Fabricated Metal Products, Engineering Services)
Norden Systems, Inc., Melville, New York
Northrop Corporation/Precision Products Division, Norwood, Massachusetts
RDA Logicon, Marina Del Rey, California
Teledyne Brown Engineering/Aerospace Group, Huntsville, Alabama
Thomas/Scifers, Inc., Manhattan Beach, California (also classed with Computers, Research Organizations)
United Technologies/Sikorsky Division, Stratford, Connecticut
Westinghouse Electric Corp., Defense Group, Baltimore, Maryland (also classed with Electronic Equipment)

AUTOMOTIVE & RELATED MANUFACTURING

Harley-Davidson Motor Company, Inc., Milwaukee, Wisconsin
Johnson Controls, Inc., Milwaukee, Wisconsin (also classed with Computers)
Mack Trucks, Inc. Product and Engineering Division, Allentown, Pennsylvania
Peterson Manufacturing Company, Grandview, Missouri
Zeller Corporation, Defiance, Ohio (also classed with Fabricated Metal Products)

CHEMICALS, DRUGS AND PLASTICS

Abitibi-Price Corporation, Building Products Div., Troy, Michigan (primary classification: Other Durable Goods)
Dow Chemical U.S.A., Midland, Michigan
Dow Corning Corporation, Midland, Michigan
E. I. Du Pont de Nemours & Co., Wilmington, Delaware
Freeman Chemical Corporation, Port Washington, Wisconsin
Fuel Tech, Inc., Stamford, Connecticut (primary classification: Fabricated Metal Products)
Henkel Corporation, Ambler, Pennsylvania
Linnhoff March, Inc., Leesburg, Virginia (also classed with Chemicals, Consultants)
Martin Marietta Energy Systems, Inc., Piketon, Ohio (primary classification: Other Durable Goods)
Mississippi Chemical Corporation, Yazoo City, Mississippi
National Starch & Chemical Corp., Bridgewater, New Jersey
Rohm and Haas Company, Philadelphia, Pennsylvania

COMMUNICATION SERVICES

Carolina Telephone & Telegraph Co., Tarboro, North Carolina
Lincoln Telephone & Telegraph Co., Lincoln, Nebraska
MCI Communications, Washington, D.C.
MCI International Network Engineering, Piscataway, New Jersey
Quintron Systems, Inc., Vanderberg AFB, California

COMPUTING SYSTEMS (including both hardware and software)

Allen-Bradley Company, Milwaukee, Wisconsin (primary classification: Electronic Equipment)
Computer Science Corporation, Falls Church, Virginia
Datakey, Inc., Burnsville, Minnesota (also classed with Electronic Equipment)
Ferranti International Controls, Sugar Land, Texas (also classed with Engineering Services)
FL Aerospace Corp., Grimes Division, Urbana, Ohio (primary classification: Aerospace)
Formation, Inc., Mount Laurel, New Jersey
Fujitsu America, Inc., San Jose, California
Harris Corporation, Government Support Systems Division, Syosset, New York (primary classification: Electronic Equipment)
Ithaca Peripherals Incorporated, Groton, New York (primary classification: Electronic Equipment)
Johnson Controls, Inc., Milwaukee, Wisconsin (primary classification: Automotive)
MetraByte Corporation, Taunton, Massachusetts
Noetic Technologies, St. Louis, Missouri (also classed with Consultants)
Ocean & Atmospheric Science, Dobbs Ferry, New York (primary classification: Electronic Equipment)
Summagraphics Corporation, Fairfield, Connecticut
Thomas/Scifers, Inc., Manhattan Beach, California (primary classification: Aerospace)
Unisys Corporation, Farmington, New Jersey

CONSTRUCTION

CBI Industries Inc., Oakbrook, Illinois (also classed with Engineering Services)
Ebasco Services, Inc., New York, New York (primary classification: Consultants)
Fluor Daniel, Inc., Irvine, California (primary classification: Consultants)
Kiewit Construction Group, Inc., Omaha, Nebraska
McClelland Consultants, Houston, Texas (primary classification: Consultants)
Stone & Webster Engineering Corp.,Boston, Massachusetts (primary classification: Consultants)
W. M. Lyles Co., Fresno, California

CONSULTANTS (see also Engineering Services)

ANCO Engineers, Inc., Culver City, California
Applied Technology Associates, Albuquerque, New Mexico (primary classification: Engineering Services)
Burgess & Niple, Limited, Columbus, Ohio
Centerline Engineering Corporation, Wexford, Pennsylvania (also classed with Engineering Services)
CF Braun, Inc., Alhambra, California
CH2M Hill, Inc., Englewood, Colorado
Clyde E. Williams & Associates, South Bend, Indiana
D'Appolonia Engineering Div., Ground Technology, Inc., Monroeville, Pennsylvania (also classed with Engineering Services)
De Leuw, Cather & Co., Chicago, Illinois
Design Automation Inc., Lexington, Massachusetts (also classed with Engineering Services)

Dugan Production Corporation, Farmington, New Mexico (primary classification: Petroleum)
Ebasco Services, Inc., New York, New York (also classed with Construction, Engineering Services)
Flakt, Inc. Peabody Process Systems Division, Norwalk, Connecticut (also classed with Engineering Services)
Floyd Browne Associates, Inc., Marion, Ohio
Fluor Daniel, Inc., Irvine, California (also classed with Construction, Engineering Services)
FW Management Operations Ltd., Houston, Texas (primary classification: Engineering Services)
Glosten Associates, Seattle, Washington (also classed with Engineering Services)
Goodkind & O'Dea, Inc., Rutherford, New Jersey
Greeley & Hanson, Chicago, Illinois
Hardesty & Hanover, New York, New York
Jacobs Associates, San Francisco, California
Jenkins & Charland, Inc., Fort Myers, Florida
Kennedy/Jenks/Chilton, Inc., San Francisco, California
Kidde Consultants, Inc., Baltimore, Maryland
Lawley, Matusky & Skelby Engineers, Pearl River, New York
Linnhoff March, Inc., Leesburg, Virginia (primary classification: Chemicals)
Maybeck, Bucher & Volland Consulting Engineers, P.C., Rochester, New York
McClelland Consultants, Houston, Texas (also classed with Construction)
McCrone, Inc., Annapolis, Maryland
Mechanical Dynamics Inc., Ann Arbor, Michigan (primary classification: Engineering Services)
Midwest Consulting Engineers, Chicago, Illinois (also classed with Engineering Services)
Noetic Technologies, St. Louis, Missouri (primary classification: computers)
PDI Corporation, Annapolis, Maryland (also classed with Electronic Equipment)
Prestige Engineering, Pepperell, Massachusetts
RMT, Inc. Madison, Wisconsin
Robert H. Fuller & Associates, Columbus, Ohio (also classed with Engineering Services)
Sargent & Lundy, Chicago, Illinois
SDRC Engineering Services Div., Western Regional Operations, San Diego, California (also classed with Engineering Services)
Simpson Gumpertz & Heger Inc., Arlington, Massachusetts
Stanley Consultants Inc., Muscatine, Iowa
Stone & Webster Engineering Corp., Boston, Massachusetts (also classed with Construction, Engineering Services)
Wright-Pierce, Topsham, Maine

ELECTRICAL MACHINERY

Allen-Bradley Company, Milwaukee, Wisconsin (primary classification: Electronic Equipment)
Babcock Industries, Inc., Chain & Lifting Products Div., York, Pennsylvania (primary classsification: Fabricated Metal Products)
Dwyer Instruments, Inc., Michigan City, Indiana (primary classification: Precision Instruments)
FL Aerospace Corp., Grimes Division, Urbana, Ohio (primary classification: Aerospace)
Hoover Company, North Canton, Ohio
Kennall Manufacturing Company, Chicago, Illinois
Maytag Company, Newton, Ohio
S&C Electric Company, Chicago, Illinois
Square D Company, Palatine, Illinois
Sta-Rite Industries, Inc. Water Equipment Div., Delavan, Wisconsin (primary classification: Non-Electrical Machinery)
Teledyne/Lewisburg, Lewisburg, Tennessee (primary classification: Electronic Equipment)
Whirlpool Corporation, Benton Harbor, Michigan

ELECTRIC UTILITIES (includes mixed electric/gas utilities)

Allegheny Power Services Corp., Greensburg, Pennsylvania
American Electric Power Service Corp., Columbus, Ohio
Appalachian Power Company, Roanoke, Virginia
Arkansas Power & Light Company, Little Rock, Arkansas
Boston Edison, Boston, Massachusetts
Cajun Electric Power Cooperative, Inc., Baton Rouge, Louisiana
Carolina Power & Light Company, Raleigh, North Carolina
Central Nebraska Public Power & Irrigation District, Holdrege, Nebraska
City Public Service Board, San Antonio, Texas
Commonwealth Edison Company, Chicago, Illinois
Cooperative Power Association, Eden Prairie, Minnesota
Dayton Power & Light Company, Dayton, Ohio
Deseret Generation & Transmission Co., Sandy, Utah
Detroit Edison, Detroit, Michigan
Electric Power of Chattanooga, Chattanooga, Tennessee
Indianapolis Power & Light Company, Indianapolis, Indiana
Iowa Resources, Des Moines, Iowa
Jersey Central Power & Light Co., Morristown, New Jersey
Kansas City Power & Light Company, Kansas City, Missouri
Metropolitan Edison Company, Reading, Pennsylvania
Minnesota Power, Duluth, Minnesota
Nebraska Public Power District, Columbus, Nebraska
New England Electric System, Westboro, Massachusetts
New York State Electric & Gas Company, Binghamton, New York
Niagara Mohawk Power Corporation, Syracuse, New York
Northwestern Wisconsin Electric Co., Grantsburg, Wisconsin
Penn Power and Light Company, Allentown, Pennsylvania
Potomac Electric Power Company, Washington, D.C.
Public Service Co. of New Hampshire, Manchester, New Hampshire
Rushmore Electric Power Cooperative, Rapid City, South Dakota
Sierra Pacific Power Company, Reno, Nevada
South Carolina Electric & Gas Co., Columbia, South Carolina
Southern Company Services, Birmingham, Alabama
Southern Indiana Gas & Electric Co., Evansville, Indiana
St. Johns River Power Park, Jacksonville, Florida
Tampa Electric Company, Tampa, Florida
Texas-New Mexico Power Company, Fort Worth, Texas
Upper Peninsula Power Company, Houghton, Michigan
Virginia Power, Richmond, Virginia
Wisconsin Electric Power Company, Milwaukee, Wisconsin

ELECTRONIC EQUIPMENT

Allen-Bradley Company, Milwaukee, Wisconsin (also classed with Electrical Machinery, Computers)
Alpha Industries, Inc., Woburn, Massachusetts
AMP Incorporated, Harrisburg, Pennsylvania
American Telephone & Telegraph Co., Bernardsville, New Jersey
Belfort Instrument Company, Baltimore, Maryland (primary classification: Precision Instruments)
Bell Aerospace Division of Textron, Inc., Niagara Wheatfield, New York (primary classification: Aerospace)

Blonder-Tongue Laboratories, Inc., Old Bridge, New Jersey
Contraves Goerz Corporation, Pittsburgh, Pennsylvania (primary classification: Precision Instruments)
Datakey, Inc., Burnsville, Minnesota (primary classification: Computers)
Dictaphone Corporation, Stratford, Connecticut (also classed with Research Organizations)
Dynamic Controls Corporation, South Windsor, Connecticut (also classed with Aerospace)
Emerson Industrial Controls, Grand Island, New York
FL Aerospace Corp., Grimes Division, Urbana, Ohio (primary classification: Aerospace)
General Dynamics/Fort Worth Division, Fort Worth, Texas (primary classification: Aerospace)
Grumman Corporation, Bethpage, New York (primary classification: Aerospace)
Harris Corporation, Government Support Systems Division, Syosset, New York (also classed with Computers)
Hazeltine Corporation, Greenlawn, New York
Ithaca Peripherals Incorporated, Groton, New York (also classed with Computers)
ITT Corporation, Avionics Division, Nutley, New Jersey
Litton Systems, Inc., Amecom Division, College Park, Maryland
LNR Communications, Inc., Hauppauge, New York
Lockheed Electronics Company, Inc., Plainfield, New Jersey
Loral Conic, San Diego, California
LTV Missiles Division, Vought Corporation, Dallas, Texas (primary classification: Aerospace)
North American Phillips Corp., Magnavox Electronic Systems Co., Fort Wayne, Indiana
Ocean & Atmospheric Science, Dobbs Ferry, New York (also classed with Computers, Research Organizations)
PDI Corporation, Annapolis, Maryland (primary classification: Consultants)
Plantronics Data Communications Group, Frederick, Maryland
Racal Corporation, Fort Lauderdale, Florida
Rochester Instrument Systems Inc., Rochester, New York
Rockwell International/Collins Defense Communications, Cedar Rapids, Iowa
Sippican Ocean Systems, Inc., Marion, Massachusetts
Strombérg-Carlson, Lake Mary, Florida
Teledyne/Lewisburg, Lewisburg, Tennessee (also classed with Electrical Machinery)
Tracor Aerospace, Austin, Texas
Westinghouse Electric Corp., Defense Group, Baltimore, Maryland (primary classification: Aerospace)

ENGINEERING SERVICES (see also Consulting)

Allendale Mutual Insurance Company, Johnston, Rhode Island
Applied Technology Associates, Albuquerque, New Mexico (also classed with Consultants, Research Organizations)
A.P.V. Crepaco, Tonowanda, New York (primary classification: Non-Electric Machinery)
Arkwright Mutual Insurance Co., Waltham, Massachusetts
BDM International, Inc., McLean, Virginia
Boeing Petroleum Services, Inc., New Orleans, Louisiana
CBI Industries Inc., Oakbrook, Illinois (primary classification: Construction)
Centerline Engineering Corporation, Wexford, Pennsylvania (primary classification: Consultants)
CSA Engineering Inc., Palo Alto, California (also classed with Research Organizations)
D'Appolonia Engrg Div., Ground Technology, Inc., Monroeville, Pennsylvania (primary classification: Consultants)
Design Automation Inc., Lexington, Massachusetts (primary classification: Consultants)
Ebasco Services, Inc., New York, New York (primary classification: Consultants)
Ferranti International Controls, Sugar Land, Texas (primary classification: Computers)
Flakt, Inc. Peabody Process Systems Division, Norwalk, Connecticut (primary classification: Consultants)
Fluor Daniel, Inc., Irvine, California (primary classification: Consultants)
FW Management Operations Ltd., Houston, Texas (also classed with Consultants)
General Research Corporation, McLean, Virginia
Glosten Associates, Seattle, Washington (primary classification: Consultants)

Martin Marietta Energy Systems, Inc., Oak Ridge, Tennessee (primary classification: Other Durable Goods)
Mechanical Dynamics Inc., Ann Arbor, Michigan (also classed with Consultants)
Micro Craft, Inc., Tullahoma, Tennessee (four locations) (primary classification: Aerospace)
Midwest Consulting Engineers, Chicago, Illinois (primary classification: Consultants)
Onsite Energy, Inc., Portland, Oregon
Riverside Research Institute, New York, New York (also classed with Research Organizations)
Robert H. Fuller & Associates, Columbus, Ohio (primary classification: Consultants)
SDRC Engrg Svces Div., Western Regional Operations, San Diego, California (primary classification: Consultants)
Stone & Webster Engineering Corp., Boston, Massachusetts (primary classification: Consultants)
Sverdrup Technology, Inc., Tullahoma, Tennessee (nine locations)
Underwriters Laboratories Inc., Northbrook, Illinois
Univ. of Tennessee Space Institute, Energy Conservation Program, Tullahoma, Tennessee (primary classification: Research Organizations)
Westinghouse Energy Center, Monroeville, Pennsylvania
Westinghouse Hanford Company, Hanford, Washington

FABRICATED METAL PRODUCTS

Ace Industries Division of Textron, Inc., Santa Fe Springs, California (primary classification: Aerospace)
Babcock & Wilcox Company, Barberton, Ohio
Babcock Industries, Inc., Chain & Lifting Products Div., York, Pennsylvania (also classed with Electrical Machinery)
Cashco Inc., Ellsworth, Kansas
Dover Corporation/Bernard Division, Beecher, Illinois
Duo-Fast Corporation, Franklin Park, Illinois
Emerson Electric Company, Maysville, Kentucky
FAG Bearings Corporation, Stamford, Connecticut
Fuel Tech, Inc., Stamford, Connecticut (also classed with Chemicals)
IMO Delaval, Florence, New Jersey
Micro Craft, Inc., Tullahoma, Tennessee (four locations) (primary classification: Aerospace)
Murry Onio Manufacturing Co., Brentwood, Tennessee
NI Industries, Inc., Vernon Division, Los Angeles, California
Nordyne, St. Louis, Missouri
PMI Food Equipment Group, Troy, Ohio
Schramm, Inc., West Chester, Pennsylvania (primary classification: Non-Electrical Machinery)
Smith Berger Marine, Inc., Seattle, Washington (primary classification: Non-Electrical Machinery)
The Timken Company, Canton, Ohio
Torrington Company, Torrington, Connecticut
Zeller Corporation, Defiance, Ohio (primary classification: Automotive)

GAS UTILITIES & PIPELINES

Battle Creek Gas Company, Battle Creek, Michigan
CNG Transmission Corporation, Clarksburg, West Virginia
Colorado Interstate Gas Company, Colorado Springs, Colorado
Columbia Gas Transmission Corp., Charleston, West Virginia
Consolidated Natural Gas Service Co., Pittsburgh, Pennsylvania
Metropolitan Utilities District, Omaha, Nebraska (also classed with Local Government)
Southern Natural Gas Company, Birmingham, Alabama
St. Lawrence Gas Company, Inc., Massena, New York
Texas Gas Transmission Corporation, Owensboro, Kentucky
Washington Gas Light Company, Washington, D.C.

MACHINERY (OTHER THAN ELECTRICAL)

A.P.V. Crepaco, Tonowanda, New York (also classed with Engineering Services)
Artisan Industries Inc., Waltham, Massachusetts
Automatic Feed Co., Napoleon, Ohio
C-E Cast Equipment Division, Combustion Engineering, Inc., Cleveland, Ohio
FES Inc., York, Pennsylvania
Gehl Company, West Bend, Wisconsin
Leybold Vacuum Products, Inc., Export, Pennsylvania
Mahaffey & Harder, Fairfield, New Jersey
Manitowoc Engineering Company, Manitowoc, Wisconsin
Rotary/Recip Compressor Division, Ingersoll-Rand, Davidson, North Carolina
Schramm, Inc., West Chester, Pennsylvania (also classed with Fabricated Metal Products)
Smith Berger Marine, Inc., Seattle, Washington (also classed with Fabricated Metal Products)
Sta-Rite Industries, Inc. Water Equipment Division, Delavan, Wisconsin (also classed with Electrical Machinery)

OTHER DURABLE GOODS MANUFACTURERS

Abitibi-Price Corporation, Building Products Division, Troy, Michigan (also classed with Chemicals)
General Dynamics Corporation, Electric Boat Division, Groton, Connecticut
Kimble Glass, Inc. Subsidiary of Owens-Illinois, Inc., Vineland, New Jersey
LTV Steel Company, Inc., Cleveland, Ohio
Martin Marietta Energy Systems, Inc., Oak Ridge, Tennessee (also classed with Engineering Services)
Martin Marietta Energy Systems, Inc., Piketon, Ohio (also classed with Chemicals)
O-Z/Gedney Company, General Signal Corporation, Terryville, Connecticut
Pathfinder Mines Corp., Riverton, Wyoming
Price Brothers Company, Dayton, Ohio
Raymond Corporation, Greene, New York
Riley Consolidated, Inc., Worcester, Massachusetts
U.S. Reduction Company, Munster, Indiana
Weyerhaeuser Research, Development, and Engineering, Tacoma, Washington (primary classification: Other Non-durable Goods)

OTHER NONDURABLE GOODS MANUFACTURERS

Bowater Incorporated, Southern Division, Calhoun, Tennessee
Consolidated Papers, Wisconsin Rapids, Wisconsin
Cooper Tire & Rubber Company, Findlay, Ohio
DeKalb-Pfizer Genetics, DeKalb, Illinois
Lord Corporation, Erie, Pennsylvania
Weyerhaeuser Research, Development, and Engineering, Tacoma, Washington (also classed with Durable Goods)

OTHER NON-MANUFACTURING (included in All Non-Manufacturing and All Industries summary sectors)

American Society for Biochemistry and Molecular Biology, Inc., Bethesda, Maryland
American Society of Naval Engineers, Alexandria, Virginia
Hecla Mining Company, Coeur d'Alene, Idaho
Kiewit Mining Group, Inc., Omaha, Nebraska
Marine Midland Bank, N.A., New York, New York
National Bulk Carriers, Inc., New York, New York

PETROLEUM

Alta Energy Corporation, Midland, Texas
BP Exploration, Dallas, Texas
Burk Royalty Co., Wichita Falls, Texas
Chevron Corporation, San Francisco, California (also classed with Research Organizations)
Dugan Production Corporation, Farmington, New Mexico (also classed with Consultants)
Enron Liquid Fuels, Houston, Texas
MESA Operating Limited Partnership, Amarillo, Texas
Sundstrand Fluid Handling Company, Arvada, Colorado
Total Petroleum, Inc., Denver, Colorado
Linnhoff March, Inc., Leesburg, Virginia (primary classification: Chemicals)

PRECISION INSTRUMENTS

Advanced Mechanical Technology Inc., Newton, Massachusetts (also classed with Research Organizations)
Belfort Instrument Company, Baltimore, Maryland (also classed with Electronic Equipment)
Clifton Precision Instruments and Life Support, Davenport, Iowa (also classed with Aerospace)
Contraves Goerz Corporation, Pittsburgh, Pennsylvania (also classed with Electronic Equipment)
Dwyer Instruments, Inc., Michigan City, Indiana (also classed with Electrical Machinery)
Ithaco, Inc., Ithaca, New York

RESEARCH ORGANIZATIONS AND LABORATORIES

Advanced Mechanical Technology Inc., Newton, Massachusetts (primary classification: Precision Instruments)
Aerospace Corporation, Los Angeles, California
Applied Technology Associates, Albuquerque, New Mexico (primary classification: Engineering Services)
AT&T Bell Laboratories, Short Hills, New Jersey
Autoresearch Labs, Inc., Chicago, Illinois
Brookhaven National Laboratory, Upton, New York
Chevron Corporation, San Francisco, California (primary classification: Petroleum)
Communications Satellite Corporation, COMSAT Laboratories, Clarksburg, Maryland
CSA Engineering Inc., Palo Alto, California (primary classification: Engineering Services)
Dictaphone Corporation, Stratford, Connecticut (primary classification: Electronic Equipment)
Duracell Research Center, Needham, Massachusetts
EG&G Energy Measurements, Las Vegas, Nevada
ERIM (Environmental Research Institute of Michigan), Ann Arbor, Michigan
Exxon Research & Engineering Co., Florham Park, New Jersey
Fermi National Accelerator Laboratory, Batavia, Illinois
HRB Systems, Inc., State College, Pennsylvania
Institute for Defense Analyses, Alexandria, Virginia
Institute of Gas Technology, Chicago, Illinois
Iowa State University, Ames Laboratory, Ames, Iowa
Jet Propulsion Laboratory, Pasadena, California
Lanxide Corporation, Newark, Delaware
Lawrence Livermore National Laboratory, Livermore, California
National Radio Astronomy Observatory, Charlottesville, Virginia
New Mexico Engineering Research Institute, Albuquerque, New Mexico
Ocean & Atmospheric Science, Dobbs Ferry, New York (primary classification: Electronic Equipment)
Optron Systems, Inc., Bedford, Massachusetts
RAND Corporation, Santa Monica, California

Re/Spec, Inc., Rapid City, South Dakota
Riverside Research Institute, New York, New York (primary classification: Engineering Services)
Sandia National Laboratories, Livermore, California
Sandia National Laboratories, Albuquerque, New Mexico
SBC Technology Resources, Inc., St. Louis, Missouri
Syracuse Research Corporation, Syracuse, New York
Teledyne Brown Engineering, R&D Group, Huntsville, Alabama
Thomas/Scifers, Inc., Manhattan Beach, California (primary classification: Aerospace)
University of Dayton Research Institute, Dayton, Ohio
University of Tennessee Space Institute, Energy Conservation Program, Tullahoma, Tennessee (also classed with Engineering Services)

AAES
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 SECOND STREET, NE • SUITE 200 • WASHINGTON, DC 20002 • (202) 546-2237

Richard A. Ellis
Director, Manpower Studies

ENGINEERING MANPOWER COMMISSION
Donald C. Brown, Chairman

COMPENSATION COMMITTEE:
Donald C. Brown
William E. Lovett
Robert L. Ohrtman
Michael B. Rubin
Robert Rusek

February, 1989

Dear Colleague:

Enclosed are the forms for the Engineering Manpower Commission's 23rd survey of the salaries of engineers. NOTE THAT THE DEADLINE DATE HAS BEEN MOVED UP TO APRIL 1, 1989. This still allows plenty of time to prepare a reply. Last year, printed reports for this project were released in late September; with your help, we can provide results for 1989 by the end of July.

EMC's compensation surveys have been used for years as authoritative benchmarks for industry, government agencies, educational institutions, the press, engineering students, and others. In the last four years, our coverage of engineers in industry has increased by more than 50 percent, to over 110,000 people. At the same time, the content of the survey has been enhanced, and we have accelerated production of the results.

In 1989, we also hope to make data from the study available in the form of text files on floppy disk media. It may be possible for us to furnish these products in advance of the release of the printed reports. Prices and other particulars for the machine-readable data are still being worked out; contact us after April 15 for more information.

We invite your organization to participate in this project. As in the past, all participants will receive copies of the EMC manpower bulletin reporting the general results of the survey, and participants will also be entitled to substantial discounts in the prices of our detailed reports.

We appreciate the support we are obtaining from engineering employers for this survey, and we look forward to your participation in 1989.

Best regards,

Richard A. Ellis

R. A. Ellis, Director
Manpower Studies

DEADLINE:
APRIL 1, 1989
DATA ENTRY BEGINS MARCH 1
YOUR PROMPT RESPONSE WILL
HELP US ACCELERATE RELEASE
OF THE RESULTS BY JULY 1989

PROFESSIONAL INCOME OF ENGINEERS - 1989

A Survey Conducted by the
ENGINEERING MANPOWER COMMISSION
American Association of Engineering Societies, Inc.
(202) 546-2237

DEADLINE:
APRIL 1, 1989
DATA ENTRY BEGINS MARCH 1
YOUR PROMPT RESPONSE WILL
HELP US ACCELERATE RELEASE
OF THE RESULTS BY JULY 1989

FORM A - to be used with Form B
Questionnaire Form for Engineering Graduates in NON-SUPERVISORY Positions Only

Have you considered sending in your data on a floppy disk? See the instructions on the last page of this form for more information.

If your organization employs no more than 50 engineers, you may elect to use the optional Form "C."

Otherwise, complete this form and Form "B," as follows:

1. IDENTIFICATION DATA: Unidentified forms cannot be included in the survey results. Confidentiality of your data is assured by EMC.
   - A. Is the name of the REPORTING ORGANIZATION on the mailing label affixed below correct? If not, please enter correct name here: _____
   - B. Is the ADDRESSEE'S name and title correct? (This person receives the survey forms and participant's bulletins.) If not, correct here: _____
   - C. Enter ADDRESSEE'S phone number: _____
   - D. If someone other than the addressee is responsible for the data, enter their NAME, TITLE, and PHONE NUMBER here: _____
   - E. If there are errors in the ADDRESS — street, mail stop, city, state, zip code, etc. — please enter corrections here: _____

2. CLASSIFICATION DATA: This information is needed to group data by industry sectors, size of organizations, and geography:
   - A. Total number of ALL employees in organization/unit, to measure organization's size *(approximations are okay)*: _____
   - B. Total number of NON-SUPERVISORY engineers reported on this Form A: _____
   - C. List the States in which these engineers are PREDOMINANTLY employed, for the purpose of determining regional salary differences: _____
   - D. If any employed NON-SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: _____ . . . and the REASON for omission: _____
   - E. PRODUCT OR SERVICE CODES: Use as many as necessary to describe the organization (see below for categories):
     Primary: _____ Secondary: _____ Other: _____

MANUFACTURING INDUSTRY GROUPS, BY PRODUCT AREAS:		NON-MANUFACTURING, BY SERVICE AREA:	GOVERNMENT AGENCIES, BY LEVEL:
31 Aerospace	36 Machinery (other than electrical)	88 Business, Trade, Publishing	01 Federal
37 Automotive	42 Metal Products, Fabricated	81 Communication Services	02 State
35 Business Machines	41 Metals, Basic	88 Construction	03 Local
51 Ceramic Products: Stone, Clay, Glass, Cement	53 Paper Products	71 Consultants, Engineering & Architectural	NON PROFIT INSTITUTIONS:
11 Chemicals, Drugs, Plastics	18 Petroleum	72 Engineering Services, Other: Specify: _____	94 Professional Societies
27 Computer Hardware/Software	46 Railroad Equipment	61 Mining	95 Other Non Profit Institution: Specify: _____
21 Electrical Machinery and Equipment	55 Rubber & Plastic	74 Research Organizations/Laboratories	ALL OTHERS:
26 Electronic Equipment	52 Food products Products, Fabricated	84 Transportation Services	96 Specify nature of organization: _____
52 Food Products	38 Shipbuilding	86 Electric Utilities (including mixed)	
34 Instruments (precision)	54 Textile Products	87 Gas Utilities & Pipelines	
56 Lumber & Wood Products		89 Other Non-Manufacturing: Specify _____	
59 Other Manufacturing: Specific Product(s): _____			

3. EMC collects data on BASE SALARY ONLY. What PERCENTAGE of the NON-SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in **1988**? Rough estimates are okay: _____

COMPLETE THE INSIDE PAGES OF THIS FORM.
ALSO COMPLETE FORM B. RETURN THE FORMS TO:

ENGINEERING MANPOWER COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 2nd STREET, N.E., WASHINGTON, D.C. 20002

A Business Reply Envelope is provided for your convenience.

DEADLINE: APRIL 1, 1989. Data entry begins MARCH 1. Your prompt response will help us accelerate release of the results by July, 1989.

FORM A — PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

IMPORTANT - please read carefully before filling out form. Do NOT enter salary amounts; enter the number of persons in the salary-and-experience bracket. See sample form on the last page.

This form gives the distribution of employed engineering graduates as a function of salary bracket, highest degree held, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row — *note that some brackets include a wider salary range than others.* Separate sections of the form are set aside for each degree level — bachelor, master, or doctor. Individuals are to be reported in the section corresponding to highest degree level, but within each section they are to be reported in the column for their *year of graduation with bachelor's degree*, to give a common basis for comparison. If year of graduation cannot be given, report by age (average 1988 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1989 should be combined with that for 1988 graduates. See the sample filled-out form for an illustration.

SALARY - should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, stock options, bonuses, etc. Rates should be those in effect on February 1, 1989.

NON-SUPERVISORY ENGINEERS - should include all engineering graduates whose duties are NOT primarily supervisory or managerial. It is recognized that the precise definition of this group will vary somewhat from company to company. *Please include non-supervisory engineering graduates who are currently in non-technical positions.* If any engineering graduates must be omitted, please describe on line 2D on the first page of this form. *Do not report part-time employees.*

	ANNUAL SALARY	YEAR OF BACCALAUREATE DEGREE (OR AGE)																
	BACHELORS DEGREE HIGHEST HELD	1988 (23)	1987 (24)	1986 (25)	1985 (26)	1984 (27)	1983 (28)	1982 (29)	1981 (30)	1980 (31)	1977-1979 (32-34)	1974-1976 (35-37)	1971-1973 (38-40)	1968-1970 (41-43)	1965-1967 (44-46)	1962-1964 (47-49)	1959-1961 (50-52)	1956-1958 (53-57)	UP TO 1955 (58+)
101	$125,000 & over																		
102	$100,000-124,999																		
103	$95,000-99,999																		
104	$90,000-94,999																		
105	$85,000-89,999																		
106	$80,000-84,999																		
107	$76,000-79,999																		
108	$72,000-75,999																		
109	$68,000-71,999																		
110	$64,000-67,999																		
111	$60,000-63,999																		
112	$56,000-59,999																		
113	$53,000-55,999																		
114	$50,000-52,999																		
115	$47,000-49,999																		
116	$44,000-46,999																		
117	$41,000-43,999																		
118	$38,000-40,999																		
119	$36,000-37,999																		
120	$34,000-35,999																		
121	$32,000-33,999																		
122	$30,000-31,999																		
123	$28,000-29,999																		
124	$26,000-27,999																		
125	$24,000-25,999																		
126	$22,000-23,999																		
127	Less than $22,000																		

MASTERS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

201	$125,000 & over																		
202	$100,000-124,999																		
203	$95,000-99,999																		
204	$90,000-94,999																		
205	$85,000-89,999																		
206	$80,000-84,999																		
207	$76,000-79,999																		
208	$72,000-75,999																		
209	$68,000-71,999																		
210	$64,000-67,999																		
211	$60,000-63,999																		
212	$56,000-59,999																		
213	$53,000-55,999																		
214	$50,000-52,999																		
215	$47,000-49,999																		
216	$44,000-46,999																		
217	$41,000-43,999																		
218	$38,000-40,999																		
219	$36,000-37,999																		
220	$34,000-35,999																		
221	$32,000-33,999																		
222	$30,000-31,999																		
223	$28,000-29,999																		
224	$26,000-27,999																		
225	$24,000-25,999																		
226	$22,000-23,999																		
227	Less than $22,000																		

DOCTORS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

301	$125,000 & over																		
302	$100,000-124,999																		
303	$95,000-99,999																		
304	$90,000-94,999																		
305	$85,000-89,999																		
306	$80,000-84,999																		
307	$76,000-79,999																		
308	$72,000-75,999																		
309	$68,000-71,999																		
310	$64,000-67,999																		
311	$60,000-63,999																		
312	$56,000-59,999																		
313	$53,000-55,999																		
314	$50,000-52,999																		
315	$47,000-49,999																		
316	$44,000-46,999																		
317	$41,000-43,999																		
318	$38,000-40,999																		
319	$36,000-37,999																		
320	$34,000-35,999																		
321	$32,000-33,999																		
322	$30,000-31,999																		
323	$28,000-29,999																		
324	$26,000-27,999																		
325	$24,000-25,999																		
326	$22,000-23,999																		
327	Less than $22,000																		

DEADLINE:
APRIL 1, 1989
DATA ENTRY BEGINS MARCH 1
YOUR PROMPT RESPONSE WILL
HELP US ACCELERATE RELEASE
OF THE RESULTS BY JULY 1989

PROFESSIONAL INCOME OF ENGINEERS - 1989

A Survey Conducted by the
ENGINEERING MANPOWER COMMISSION
American Association of Engineering Societies, Inc.
(202) 546-2237

DEADLINE:
APRIL 1, 1989
DATA ENTRY BEGINS MARCH 1
YOUR PROMPT RESPONSE WILL
HELP US ACCELERATE RELEASE
OF THE RESULTS BY JULY 1989

FORM B - to be used with Form A
Questionnaire Form for Engineering Graduates in SUPERVISORY Positions Only

Have you considered sending in your data on a floppy disk? See the instructions on the last page of this form for more information.
If your organization employs no more than 50 engineers, you may elect to use the optional Form "C."
Otherwise, complete Form A, then complete this form. NOTE: Items 2B, 2D, and 3 require SEPARATE answers on BOTH forms. If you have answered all other questions on Form A, you need not repeat that information here.

1. IDENTIFICATION DATA: Unidentified forms cannot be included in the survey results. Confidentiality of your data is assured by EMC.
   - A. Is the name of the REPORTING ORGANIZATION on the mailing label affixed below correct? If not, please enter correct name here: _____
   - B. Is the ADDRESSEE'S name and title correct? (This person receives the survey forms and participant's bulletins.) If not, correct here: _____
   - C. Enter ADDRESSEE'S phone number: _____
   - D. If someone other than the addressee is responsible for the data, enter their NAME, TITLE, and PHONE NUMBER here: _____
   - E. If there are errors in the ADDRESS — street, mail stop, city, state, zip code, etc. — please enter corrections here: _____

2. CLASSIFICATION DATA: This information is needed to group data by industry sectors, size of organizations, and geography:
   - A. Total number of ALL employees in organization/unit, to measure organization's size *(approximations are okay)*: _____
   - B. Total number of SUPERVISORY engineers reported on this Form B: _____
   - C. List the States in which these engineers are PREDOMINANTLY employed, for the purpose of determining regional salary differences: _____
   - D. If any employed SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: _____ . . . and the REASON for omission: _____
   - E. PRODUCT OR SERVICE CODES: Use as many as necessary to describe the organization (see below for categories):
     Primary: _____ Secondary: _____ Other: _____

MANUFACTURING INDUSTRY GROUPS, BY PRODUCT AREAS:		NON-MANUFACTURING, BY SERVICE AREA:	GOVERNMENT AGENCIES, BY LEVEL:
31 Aerospace	36 Machinery (other than electrical)	88 Business, Trade, Publishing	01 Federal
37 Automotive	42 Metal Products, Fabricated	81 Communication Services	02 State
35 Business Machines	41 Metals, Basic	88 Construction	03 Local
51 Ceramic Products: Stone, Clay, Glass, Cement	53 Paper Products	71 Consultants, Engineering & Architectural	NON PROFIT INSTITUTIONS:
11 Chemicals, Drugs, Plastics	18 Petroleum	72 Engineering Services, Other: Specify: _____	94 Professional Societies
27 Computer Hardware/Software	46 Railroad Equipment	61 Mining	95 Other Non Profit Institution: Specify: _____
21 Electrical Machinery and Equipment	55 Rubber & Plastic	74 Research Organizations/Laboratories	
28 Electronic Equipment	52 Food products Products, Fabricated	84 Transportation Services	ALL OTHERS:
52 Food Products	38 Shipbuilding	86 Electric Utilities (including mixed)	96 Specify nature of organization:
34 Instruments (precision)	54 Textile Products	87 Gas Utilities & Pipelines	
56 Lumber & Wood Products		89 Other Non-Manufacturing: Specify _____	
59 Other Manufacturing: Specific Product(s): _____			

3. EMC collects data on BASE SALARY ONLY. What PERCENTAGE of the SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in **1988**? Rough estimates are okay: _____

COMPLETE THE INSIDE PAGES OF THIS FORM.
ALSO COMPLETE FORM A. RETURN THE FORMS TO:

ENGINEERING MANPOWER COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 2nd STREET, N.E., WASHINGTON, D.C. 20002

A Business Reply Envelope is provided for your convenience.

DEADLINE: APRIL 1, 1988. Data entry begins MARCH 1. Your prompt response will help us accelerate release of the results by July, 1988.

FORM B — PRESENT SALARY OF SUPERVISORY ENGINEERING GRADUATES ONLY

IMPORTANT - please read carefully before filling out form. Do NOT enter salary amounts; enter the number of persons in the salary-and-experience bracket. See sample form on the last page.

This form gives the distribution of employed engineering graduates as a function of salary bracket, highest degree held, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row — *note that some brackets include a wider salary range than others.* Separate sections of the form are set aside for each degree level — bachelor, master, or doctor. Individuals are to be reported in the section corresponding to highest degree level, but within each section they are to be reported in the column for their *year of graduation with bachelor's degree*, to give a common basis for comparison. If year of graduation cannot be given, report by age (average 1988 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1988 should be combined with that for 1988 graduates. See the sample filled-out form for an illustration.

SALARY - should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, stock options, bonuses, etc. Rates should be those in effect on February 1, 1988.

SUPERVISORY ENGINEERS - should include all engineering graduates whose duties are primarily supervisory or managerial. It is recognized that the precise definition of this group will vary somewhat from company to company. *Please report all supervisory engineering graduates, including those who are in general management or non-technical positions.* If any must be omitted, please describe them on line 2D of the first page of this form. *Do not report part-time employees.*

	ANNUAL SALARY	YEAR OF BACCALAUREATE DEGREE (OR AGE)																	
	BACHELORS DEGREE HIGHEST HELD	1988 (23)	1987 (24)	1986 (25)	1985 (26)	1984 (27)	1983 (28)	1982 (29)	1981 (30)	1980 (31)	1977-1979 (32-34)	1974-1976 (35-37)	1971-1973 (38-40)	1968-1970 (41-43)	1965-1967 (44-46)	1962-1964 (47-49)	1959-1961 (50-52)	1956-1958 (53-57)	UP TO 1955 (58+)
101	$125,000 & over																		
102	$100,000-124,999																		
103	$95,000-99,999																		
104	$90,000-94,999																		
105	$85,000-89,999																		
106	$80,000-84,999																		
107	$76,000-79,999																		
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120	$34,000-35,999																		
121	$32,000-33,999																		
122	$30,000-31,999																		
123	$28,000-29,999																		
124	$26,000-27,999																		
125	$24,000-25,999																		
126	$22,000-23,999																		
127	Less than $22,000																		

MASTERS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

201	$125,000 & over																		
202	$100,000-124,999																		
203	$95,000-99,999																		
204	$90,000-94,999																		
205	$85,000-89,999																		
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222	$30,000-31,999																		
223	$28,000-29,999																		
224	$26,000-27,999																		
225	$24,000-25,999																		
226	$22,000-23,999																		
227	Less than $22,000																		

DOCTORS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

301	$125,000 & over																		
302	$100,000-124,999																		
303	$95,000-99,999																		
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321	$32,000-33,999																		
322	$30,000-31,999																		
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324	$26,000-27,999																		
325	$24,000-25,999																		
326	$22,000-23,999																		
327	Less than $22,000																		

DEADLINE:
APRIL 1, 1989
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YOUR PROMPT RESPONSE WILL
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OF THE RESULTS BY JULY 1989

PROFESSIONAL INCOME OF ENGINEERS - 1989

A Survey Conducted by the
ENGINEERING MANPOWER COMMISSION
American Association of Engineering Societies, Inc.
(202) 546-2237

DEADLINE:
APRIL 1, 1989
DATA ENTRY BEGINS MARCH 1
YOUR PROMPT RESPONSE WILL
HELP US ACCELERATE RELEASE
OF THE RESULTS BY JULY 1989

FORM C - Optional Short Form, used in place of both Forms A and B

For organizations with no more than 50 engineers, including both supervisors and non-supervisors

Have you considered sending in your data on a floppy disk? See the instructions on the last page of this form for more information.

1. IDENTIFICATION DATA: Unidentified forms cannot be included in the survey results. Confidentiality of your data is assured by EMC.
   A. Is the name of the REPORTING ORGANIZATION on the mailing label affixed below correct? If not, please enter correct name here: _____
   B. Is the ADDRESSEE'S name and title correct? (This person receives the survey forms and participant's bulletins.) If not, correct here: _____
   C. Enter ADDRESSEE'S phone number: _____
   D. If someone other than the addressee is responsible for the data, enter their NAME, TITLE, and PHONE NUMBER here: _____
   E. If there are errors in the ADDRESS — street, mail stop, city, state, zip code, etc. — please enter corrections here: _____

2. CLASSIFICATION DATA: This information is needed to group data by industry sectors, size of organizations, and geography:
   A. Total number of ALL employees in organization/unit, to measure organization's size *(approximations are okay)*: _____
   B. List the States in which these engineers are PREDOMINANTLY employed, for the purpose of determining regional salary differences: _____
   C. If any employed NON-SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: _____ . . . and the REASON for omission: _____
   D. If any employed SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: _____ . . . and the REASON for omission: _____
   E. PRODUCT OR SERVICE CODES: Use as many as necessary to describe the organization (see below for categories):
   Primary: _____ Secondary: _____ Other: _____

MANUFACTURING INDUSTRY GROUPS, BY PRODUCT AREAS:		NON-MANUFACTURING, BY SERVICE AREA:	GOVERNMENT AGENCIES, BY LEVEL:
31 Aerospace	36 Machinery (other than electrical)	88 Business, Trade, Publishing	01 Federal
37 Automotive	42 Metal Products, Fabricated	81 Communication Services	02 State
35 Business Machines	41 Metals, Basic	86 Construction	03 Local
51 Ceramic Products: Stone, Clay, Glass, Cement	53 Paper Products	71 Consultants, Engineering & Architectural	NON PROFIT INSTITUTIONS:
11 Chemicals, Drugs, Plastics	18 Petroleum	72 Engineering Services, Other: Specify: _____	94 Professional Societies
27 Computer Hardware/Software	46 Railroad Equipment	61 Mining	95 Other Non Profit Institution: Specify: _____
21 Electrical Machinery and Equipment	55 Rubber & Plastic	74 Research Organizations/Laboratories	ALL OTHERS:
26 Electronic Equipment	52 Food products Products, Fabricated	84 Transportation Services	96 Specify nature of organization:
52 Food Products	38 Shipbuilding	86 Electric Utilities (including mixed)	_____
34 Instruments (precision)	54 Textile Products	87 Gas Utilities & Pipelines	
56 Lumber & Wood Products		89 Other Non-Manufacturing: Specify _____	
59 Other Manufacturing: Specific Product(s): _____			

3. EMC collects data on BASE SALARY ONLY: A. What PERCENTAGE of the NON-SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in 1988? Rough estimates are okay: _____
B. What PERCENTAGE of the SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in 1988, that is, last year? Rough estimates are okay: _____

COMPLETE THE INSIDE PAGES OF THIS FORM.
RETURN THE FORM TO:

ENGINEERING MANPOWER COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 2nd STREET, N.E., WASHINGTON, D.C. 20002

A Business Reply Envelope is provided for your convenience.

DEADLINE: APRIL 1, 1989. Data entry begins MARCH 1. Your prompt response will help us accelerate release of the results by July, 1989.

FORM C

PRESENT SALARY OF ENGINEERING GRADUATES

Optional Short Form for UP TO 50 supervisors and/or non-supervisors

IMPORTANT — please read carefully before filling out form

This form replaces EMC'S traditional matrix style instruments, which allow entry of data for large engineering staffs of up to several thousand persons, in order to provide a simpler data entry form for small organizations. Simply complete one line of the form for each engineer to be reported.

ALL indicated data is needed. NO other data is needed. Please do NOT write names on these forms.

SUPERVISORS include all engineering graduates whose duties are primarily supervisory or managerial. Other engineers are NON-SUPERVISORS. It is recognized that the precise definition of these terms will vary somewhat from company to company. Please include engineering graduates who are currently in general management or non-technical positions. If any engineering graduates must be omitted, please describe on page 1 of this form. DO NOT REPORT PART-TIME EMPLOYEES. Only "S" or "N" should appear in the first column of the form.

EMC measures experience as the number of years since receiving the bachelor's degree. If that date is not available, age is used to estimate it. If you can provide both the year and age data, EMC will use this information to improve its estimation procedures. Either data element will suffice, however.

ANNUAL SALARY — should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Rates should be those in effect on February 1, 1989.

If you use this form, your copies of Forms A and B may be discarded. PLEASE do not use this form to report more than 50 engineers. Make up a disk-based response instead (the format is virtually identical), or use Forms A and B.

	Supervisor (S) or Non-supervisor (N)? Enter S or N	Highest Degree Held B = Bachelor, M = Master, P = Ph.D. Enter B, M, or P	Year graduated with BACHELOR's degree Enter YEAR	Age as of Feb. 1, 1989 Enter AGE	Annual Salary as of Feb. 1, 1989: Enter ANNUAL SALARY:
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GENERAL INSTRUCTIONS:

There are three possible ways to respond:

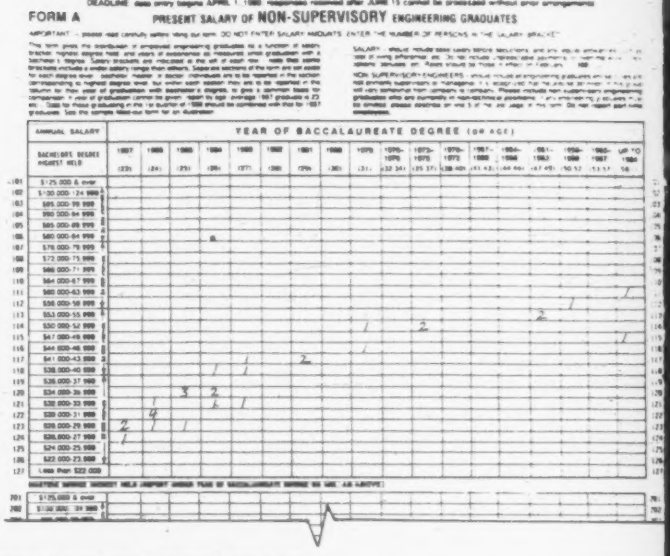
1. It may be possible to easily access your organization's data records to produce a machine-readable file for a common IBM-standard personal computer. See below for further instructions. Don't forget that we must have a copy of page one of the questionnaire, or its equivalent in information on a floppy disk, in order to process the data! EMC much prefers this form of response, as it is faster, more accurate, and ultimately much more convenient for all parties.

2. If your organization has NO MORE THAN 50 engineering graduates, you can choose to simply list them (no names, please) one-by-one on the optional Form C. PLEASE: do not use Form C to report more than 50 engineers. Make up a floppy-based response instead (most word processors will do the job easily — just make sure to save the work as an ASCII "non-document" file), or use Forms A and B.

3. The traditional method is to use EMC's matrix-style Forms A and B. Be sure to complete ALL of the items on page 1 of these forms (you need not duplicate your responses, but NOTE: EACH FORM MUST INCLUDE SEPARATE REPLIES TO QUESTIONS #2B, #2D, AND #3). See the sample of a completed Form A (top third only) at the right.

4. Whatever approach you use, check your responses carefully before returning them to EMC. EMC welcomes inquiries from participants and will provide help for respondents. Call us at the number listed at the top of Page 1 of the form.

Example of a completed Form A (from the 1988 survey)


FORM A

PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

ANNUAL SALARY

YEAR OF BACCALAUREATE DEGREE (OR AGE)

BACHELORS DEGREE HIGHEST HELD

EMC POLICY REGARDING SALARY SURVEY PARTICIPANTS

It is our policy to list the names of the organizations participating in our salary surveys, by sector, so that users will be able to ascertain whether a particular industry group is representative of their own. At the same time, it is our long-standing policy to protect each respondent's data from disclosure to anyone else. To protect the confidentiality of information and to provide adequate safeguards against the disclosure of data identified with any particular survey participant, the following precautions are taken:

1. Company identifications are used only for the purpose of maintaining EMC'S mailing lists and are not entered with the salary data files in our computer. No sector is formed unless at least five responding organizations can be included.

2. The only persons with access to returned salary data forms are the AAES staff who process the surveys. Responding organizations' data are not disclosed to anyone. There are no exceptions to this policy.

3. If a single employer's responses account for more than half of the number of data points — engineers — reported for any group, weighting procedures are used to prevent that employer's information from unduly dominating the statistics for the group.

4. At least 200 engineers must be represented in any data set for engineers in industry or government before statistics for the group will be published.

5. Within data sets, statistics are not generated for particular experience categories unless the bracket includes at least one percent of the total number of engineers for the set AND at least ten engineers are present.

6. EMC does not obtain the names of individual engineers represented by the data. The only names collected are those of the addressees and other contact persons used for our mailing lists, and these names are not published or disclosed.

7. Anonymous responses are not used. Responses requesting that the responding organization not be identified are refused and returned to their originator.

SPECIAL INSTRUCTIONS FOR ORGANIZATIONS PROVIDING SALARY DATA ON FLOPPY DISK MEDIA

EMC is encouraging its salary survey participants to respond by submitting machine-readable files. In 1988, data on over 30,000 engineers were reported in this fashion. Media must be in the form of standard double-sided, double-density 5 1/4" floppy diskettes. We use MS-DOS 3.2; with UNIFORM-PC we can also handle PC and MS-DOS versions 1 and 2, as well as most common CP/M formats. We CANNOT handle 1.2 Mbyte 5 1/4" floppies or the smaller 3" disks.

Floppies should be mailed in appropriate containers (heavy cardboard disk mailers are best). You MUST also enclose a completed copy of PAGE 1 of the questionnaire (Form C is suggested), to provide your organization's ID and classification data. Alternatively, you may provide an ASCII text file on the disk with your responses to the page 1 questions. (Note that some items need separate responses for both supervisors and non-supervisors.) Without these data, your response cannot be processed. Give any such text file the name "SALARY.INF."

Your salary data file should be named "SALARY.DAT" and MUST take the following format:

1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a CR-LF (carriage return/line feed combination). Don't forget to use the CR-LF after the last line of data.

3. The contents of each line should be as follows:

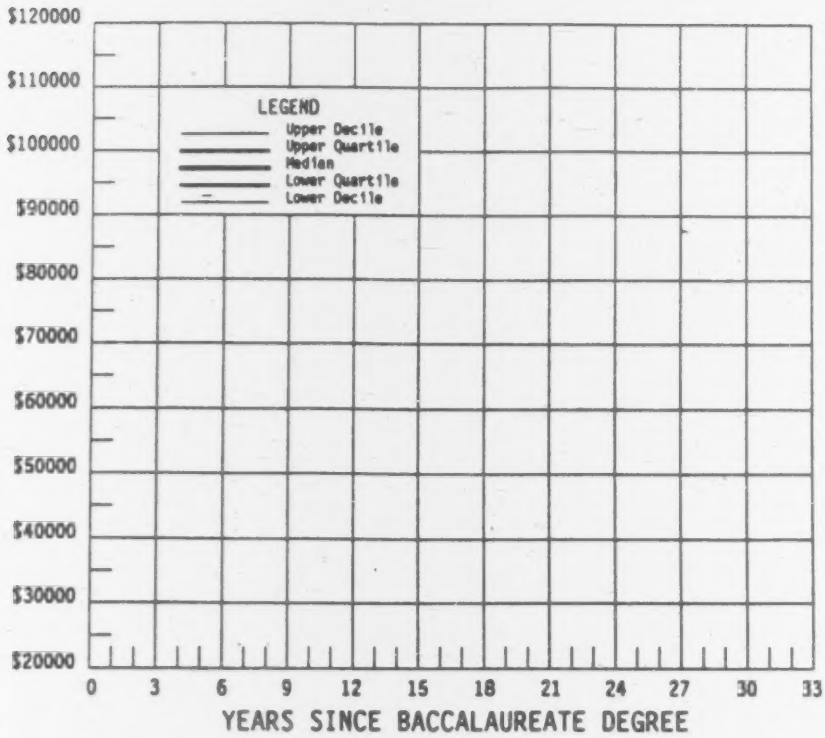
- Character 01: either S or N, for Supervisor or Nonsupervisor.
- Character 02: always a comma.
- Character 03: B, M, or P, for Bachelor, Masters, or Ph.D. degree. If degree is unknown or there is no degree, a B.S. equivalent will be assumed.
- Character 04: always a comma.
- Character 05-06: two digits for YEAR GRADUATED WITH BACHELOR'S DEGREE (last two digits only). If unknown, enter "99" AND enter the age (see next item).
- Character 07: always a comma.
- Characters 08-09: two digits for AGE. If the previous YEAR GRADUATED WITH BACHELOR'S DEGREE item has been provided, this may be treated as an unknown and coded "99." If both the year and the age are provided, EMC will use those data to improve its procedures for using age to estimate the year of graduation with the B.S. degree. Note that the "99" code should be explicitly entered (blanks or zeros will be treated as "99's" IF the preceding YEAR data is supplied).
- Character 10: always a comma.
- Characters 11-16: six digits for annual salary, right-justified and zero-filled. Leading blanks will be treated as zeros. A CR-LF code must follow the entry.

ANY ENTRIES OTHER THAN THOSE DESCRIBED ABOVE WILL BE ASSUMED TO BE ERRORS AND WILL CAUSE THE ENTIRE LINE TO BE IGNORED.

4. There will be as many lines as there are engineers reported. On your enclosed Form "C" or in the added SALARY.INF text file, PLEASE SPECIFY THE TOTAL NUMBER OF ENGINEERS REPORTED BY YOUR COMPANY. Comparison of your counts with our own totals is one of several elementary quality control checks employed by EMC.

5. LABEL your diskette with AT LEAST the following information: your organization's name, the particular diskette format used (we will assume DOS if no other

SALARY CURVES FOR ENGINEERS



RECENT ENGINEERING MANPOWER COMMISSION PUBLICATIONS

Note: EMC surveys are becoming available in the form of machine-readable media. For more information, contact the AAES Publications Department at the address below.

ENGINEERS' SALARIES: SPECIAL INDUSTRY REPORT 1989

A detailed breakdown of engineering salaries according to type of industry, geographic regions, company size, employee experience, highest degree held, and supervisory status. Tables and graphs depict salaries in medians, quartiles, deciles and means.

member price: $169.00 non-member price: $287.50

PROFESSIONAL INCOME OF ENGINEERS 1989

An abridged version of the *Special Industry Report*. Details for salary differences by highest degree held are not included; tabulations are added on engineering compensation in local, state and federal government agencies.

member price: $59.50 non-member price: $97.00

SALARIES OF ENGINEERS IN EDUCATION 1988

Median, quartile, decile and mean salaries across 18 experience brackets for engineering faculty, by academic rank, contract types, and type of institution.

member price: $70.00 non-member price: $112.00

ENGINEERING AND TECHNOLOGY ENROLLMENTS, FALL 1988

A two-volume overview of the enrollment of students in engineering and engineering technology programs throughout the United States. Details by fields of study for specific schools and states, with added tabulations for women, minorities, and foreign nationals.

Complete set: member price: $120.00 non-member price $195.00

Separate volumes:

Part I: Engineering Enrollments: member price: $70.00 non-member price: $115.00

Part II: Technology Enrollments: member price: $70.00 non-member price: $115.00

ENGINEERING AND TECHNOLOGY DEGREES, 1988

A comprehensive report on recent engineering and engineering technology degrees in three volumes. Part I provides general statistics for schools and states on degrees in 40 engineering and technology disciplines. Part II provides similar data for awards to women, minorities, and foreign nationals. Part III includes detailed data for specific curricula.

Complete Set: member price: $140 non-member price: $230.00

Separate volumes:

Part I: by School: member price: $55.00 non-member price: $89.00

Part II: Minorities: member price: $75.00 non-member price: $115.00

Part III: by Curriculum: member price: $55.00 non-member price: $89.00

ENGINEERING MANPOWER BULLETINS

Concise, timely information on trends in engineering salaries, enrollments, degrees, women and minorities in engineering, other topics.

Full subscription year: member price: $66.00 non-member price: $110.00

Single copies: member price: $9.00 non-member price: $14.00

TO ORDER: Member prices are available to members of AAES member societies, employees of Industry Affiliates, and firms/educational institutions that have participated in the study to be purchased. Please include society affiliation and membership number, Industry Affiliate, or survey participant information with your order, if applicable. First class postage (U.S. domestic) is included in the purchase price. Foreign orders add 10%; check must be payable in U.S. funds. Prepayment required; pro forma invoices provided on request. Orders should be directed to the AAES Publications Department, 415 Second St. NE, Washington, D.C. 20002.

ISBN # 0-87615-130-